

1958  
CENSUS OF MANUFACTURES

VOLUME II  
PRELIMINARY REPORTS

AREA STATISTICS

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# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S1

### ALABAMA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.

This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	3,923	3,893	+1
20 or more employees.....	...do.....	1,204	1,152	+5
All employees:				
Number.....	Thousands.....	230.0	220.1	+4
Payroll.....	Million dollars	919.0	690.0	+33
Value added by manufacture:				
Unadjusted.....	...do.....	1,742.0	1,319.2	+32
Adjusted.....	...do.....	1,755.7	(NA)	(NA)
Capital expenditures, new.....	...do.....	133.5	82.2	+62

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



## ALABAMA

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	23,923	21,204	229,998	919,016	1,741,992	1,755,724	133,488	220,077	1,319,192
20	Food and kindred products.....	534	192	19,340	67,274	144,542	145,691	11,479	16,073	95,528
22	Textile mill products.....	117	102	39,536	110,814	180,789	178,155	7,244	46,440	166,535
23	Apparel and related products.....	149	110	22,481	51,800	93,955	95,175	1,686	18,351	64,397
24	Lumber and wood products.....	1,588	261	23,287	49,225	75,583	76,171	8,216	28,386	86,629
25	Furniture and fixtures.....	121	39	3,061	9,661	17,012	16,975	1,585	1,981	8,404
26	Pulp, paper and products.....	33	24	9,965	52,575	114,730	115,067	15,085	8,668	77,069
27	Printing and publishing.....	290	40	5,214	22,490	44,449	44,716	1,808	4,769	35,296
28	Chemicals and products.....	163	73	8,600	40,026	136,530	138,586	14,962	7,410	82,930
29	Petroleum and coal products.....	27	9	783	3,451	8,683	9,545	1,421	843	10,674
32	Stone, clay, and glass products <sup>3</sup> .....	242	89	8,294	33,235	80,466	81,594	10,036	7,310	59,171
33	Primary metal industries.....	91	70	37,410	214,775	436,475	452,077	44,864	39,918	369,292
34	Fabricated metal products.....	201	78	10,613	50,554	90,441	92,014	4,887	8,716	68,191
35	Machinery, except electrical <sup>3</sup> .....	166	44	6,865	31,660	50,499	49,766	3,413	5,983	35,110
36	Electrical machinery.....	25	12	3,763	14,970	32,585	33,134	477	2,598	19,541
37	Transportation equipment.....	68	23	17,229	87,433	112,309	103,716	2,093	11,029	56,872
39	Miscellaneous manufactures (Including Ordnance).....	82	26	2,980	15,945	23,490	23,487	1,286	2,272	13,466
—	Administrative and auxiliary <sup>4</sup> .....	...	...	4,270	31,009	...	...	...	2,993	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
ALABAMA, TOTAL.....	3,923	1,204	229,998	919,016	1,741,992	1,755,724	133,488	220,077	1,319,192
STANDARD METROPOLITAN STATISTICAL AREAS									
Birmingham <sup>2</sup> .....	662	293	63,627	335,770	579,070	577,048	42,790	60,663	481,580
Columbus, total, <sup>3</sup> .....	177	72	17,266	51,268	116,584	116,388	4,674	17,976	69,944
Portion in Alabama.....	44	11	767	1,732	2,978	2,867	212	867	2,742
Portion in Georgia.....	133	61	16,499	49,536	113,606	113,521	4,462	17,109	67,202
Cadsden <sup>4</sup> .....	89	28	11,743	58,755	133,730	134,531	6,695	12,760	101,712
Mobile <sup>5</sup> .....	232	81	17,398	82,343	184,626	186,650	11,073	15,418	123,245
Montgomery <sup>6</sup> .....	168	67	6,548	21,448	39,925	41,351	2,128	6,281	33,057
COUNTIES <sup>7</sup>									
Autauga.....	23	6	1,069	3,226	4,025	3,955	338	994	4,172
Baldwin.....	84	13	1,672	4,938	9,840	9,847	1,013	1,480	6,132
Barbour.....	46	11	1,138	2,312	3,646	3,621	207	1,590	5,801
Bibb.....	25	6	1,194	2,631	3,438	3,431	373	1,029	2,337
Bullock.....	21	2	256	417	815	739	53	378	790
Butler.....	56	7	1,680	3,853	5,809	5,877	504	2,356	6,417

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
ALABAMA--Continued									
COUNTIES <sup>7</sup> --Continued									
Calhoun.....	101	40	10,607	37,314	69,381	71,907	3,095	12,322	63,365
Chilton.....	40	9	711	1,517	2,943	3,055	94	924	3,057
Choctaw.....	49	10	706	1,287	1,820	1,767	223	804	2,036
Clarke.....	74	13	2,081	5,614	11,707	10,529	386	2,783	12,515
Clay.....	27	3	597	1,577	1,826	1,864	88	641	2,237
Cleburne.....	27	6	462	984	3,024	2,993	494	219	607
Coffee.....	39	12	2,107	6,061	10,184	9,826	610	1,750	6,622
Colbert.....	54	24	7,040	38,563	79,897	90,469	12,344	5,323	42,014
Concuh.....	21	8	674	1,548	3,813	3,887	43	738	1,987
Coosa.....	53	5	483	1,037	1,605	1,583	152	661	2,567
Covington.....	61	14	4,774	11,058	16,771	16,350	766	4,879	13,840
Crenshaw.....	31	6	512	941	1,290	1,289	347	588	987
Cullman.....	48	12	1,245	3,011	4,971	4,955	297	1,383	3,705
Dale.....	41	8	1,824	6,245	8,764	8,752	284	913	2,675
Dallas.....	68	26	2,642	7,430	15,659	15,662	612	2,873	9,550
De Kalb.....	54	15	1,780	4,160	7,766	7,838	198	1,746	6,326
Elmore.....	27	6	634	1,421	4,441	4,034	163	843	3,436
Escambia.....	59	17	2,403	7,392	11,702	11,853	4,143	2,032	9,364
Etowah.....	89	28	11,743	58,755	133,730	134,531	6,695	12,760	101,712
Fayette.....	31	6	1,026	2,482	4,299	4,364	372	753	2,190
Franklin.....	27	8	549	1,494	2,446	2,459	217	467	1,425
Geneva.....	30	6	1,422	3,108	7,142	6,812	310	1,655	6,327
Greene.....	11	4	289	520	941	970	48	235	591
Hale.....	26	4	472	1,018	2,081	2,088	335	449	1,448
Henry.....	41	5	799	1,772	3,713	3,791	160	853	2,765
Houston.....	81	28	3,385	10,451	18,960	16,641	763	2,305	11,674
Jackson.....	47	11	1,869	4,422	7,158	7,039	539	1,388	4,289
Jefferson.....	662	293	60,603	313,012	579,070	577,048	42,790	57,762	481,580
Lamar.....	42	4	1,637	3,610	5,671	5,896	114	781	2,009
Lauderdale.....	44	15	1,806	6,668	12,114	12,031	850	1,818	7,134
Lee.....	58	16	3,751	11,105	20,713	19,627	1,292	3,491	16,579
Limestone.....	15	5	621	1,340	2,137	1,902	103	666	2,377
Madison.....	68	26	5,950	28,159	41,772	41,740	1,483	4,397	21,176
Marengo.....	43	14	1,728	5,541	11,723	11,814	1,266	1,364	7,138
Marion.....	36	10	1,669	3,912	14,151	13,844	383	1,317	5,383
Marshall.....	52	15	2,511	7,357	12,344	13,119	2,956	1,689	6,300
Mobile.....	232	81	17,367	82,219	184,626	186,650	11,073	15,381	123,245
Monroe.....	36	12	1,904	4,937	7,219	7,251	578	1,769	6,497
Montgomery.....	168	67	6,548	21,448	39,925	41,351	2,128	6,281	33,057
Morgan.....	67	30	4,628	20,474	53,810	55,146	10,850	4,202	31,106
Perry.....	18	2	280	594	1,632	1,631	62	321	1,305
Pickens.....	29	11	1,564	4,198	10,178	10,054	379	1,209	5,403
Pike.....	55	9	999	2,170	3,389	3,744	304	1,154	3,405
Randolph.....	37	8	1,863	4,280	4,642	4,583	463	1,674	4,345
Russell.....	44	11	767	1,732	2,978	2,867	212	867	2,742
St. Clair.....	37	8	1,101	3,862	8,313	7,622	183	1,160	5,869
Shelby.....	62	12	1,593	5,057	11,293	11,418	2,910	1,713	6,053
Sumter.....	22	3	646	1,406	2,578	2,619	268	706	1,825
Talladega.....	77	30	7,203	23,900	50,695	50,479	4,312	8,392	54,298
Tallapoosa.....	69	24	7,177	20,648	33,477	33,966	822	6,915	25,370
Tuscaloosa.....	119	48	7,877	34,720	87,342	88,053	5,345	8,148	64,551
Walker.....	60	18	2,025	5,297	8,736	9,270	1,360	1,881	8,042
Washington.....	37	10	905	2,761	11,972	12,043	2,026	744	6,000
Wilcox.....	41	8	550	850	1,895	1,760	189	611	1,407
Winston.....	37	7	1,010	2,270	3,844	3,863	231	947	3,132

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.

<sup>2</sup>The Birmingham Standard Metropolitan Statistical Area consists of Jefferson County, Alabama.

<sup>3</sup>The Columbus Standard Metropolitan Statistical Area consists of Chattahoochee and Muscogee Counties Georgia and Russell County, Alabama.

<sup>4</sup>The Gadsden Standard Metropolitan Statistical Area consists of Etowah County, Alabama.

<sup>5</sup>The Mobile Standard Metropolitan Statistical Area consists of Mobile County, Alabama.

<sup>6</sup>The Montgomery Standard Metropolitan Statistical Area consists of Montgomery County, Alabama.

<sup>7</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## ALABAMA

5

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		BIRMINGHAM STANDARD METROPOLITAN STATISTICAL AREA (Consists of Jefferson County, Alabama)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2662	2293	63,627	335,770	579,070	577,048	42,790	60,663	481,580
20	Food and kindred products.....	97	55	6,189	24,285	47,367	50,460	2,554	5,287	33,769
21	Tobacco manufactures.....	...	...	...	...	...	...	...	...	...
23	Apparel and related products.....	15	7	1,066	2,699	4,922	5,425	86	1,051	3,184
24	Lumber and wood products.....	54	19	1,441	3,606	5,067	5,044	372	1,466	4,378
25	Furniture and fixtures.....	43	11	969	3,905	7,456	7,343	263	653	3,678
26	Pulp, paper and products.....	4	3	517	2,238	2,482	2,917	68	572	2,546
27	Printing and publishing.....	79	17	2,233	10,873	21,937	21,988	670	1,990	17,816
28	Chemicals and products.....	42	20	1,526	7,510	17,380	17,889	835	1,193	11,868
32	Stone, clay, and glass products <sup>2</sup> .....	60	32	3,025	13,193	32,313	33,248	4,216	2,952	30,254
33	Primary metal industries.....	49	39	21,443	133,299	275,786	276,822	26,633	24,382	254,277
34	Fabricated metal products.....	93	49	6,789	35,065	62,944	64,271	3,008	5,737	50,300
35	Machinery, except electrical <sup>3</sup> .....	57	15	3,337	16,723	25,124	23,634	2,122	3,104	18,678
36	Electrical machinery.....	12	6	755	3,810	6,130	6,617	232	705	4,837
37	Transportation equipment.....	18	7	10,127	51,702	61,301	52,819	1,206	7,158	36,103
39	Miscellaneous manufactures (Including Ordnance).....	24	9	501	1,630	3,709	3,902	342	545	3,803
—	Administrative and auxiliary <sup>4</sup> .....	...	...	3,024	22,758	...	...	...	2,901	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.



**LEGEND**

- Places of 25,000 to 100,000
- Places of 100,000 and over
- Standard Metropolitan Statistical Areas

**SCALE**

0 10 20 30 40 50 MILES

**COUNTIES:** LAUDERDALE, COLBERT, FRANKLIN, MARION, LAMAR, PICKENS, GREENE, SUNTER, CHOCTAW, WASHINGTON, BALDWIN, LESTERDALE, Limestone, MADISON, JACKSON, DE KALB, MARSHALL, GADSDEN, CHEROKEE, CULLMAN, BLOUNT, BIRMINGHAM, WALKER, JEFFERSON, ST. CLAIR, ANNISTON, CALHOUN, CLEBURNE, TUSCALOOSA, SHELBY, TALLADEGA, CLAY, RANDOLPH, BIBB, CHILTON, COOSA, TALLAPOOSA, CHAMBERS, HALE, PERRY, SELMA, DALLAS, AUTAUGA, MONTGOMERY, ELMORE, LEE, MUSCOGEE, COLUMBUS, GA., CHATTAHOOCHEE, RUSSELL, PHENIX CITY, MACON, BULLOCK, LOWNDES, BUTLER, CRENSHAW, PIKE, BARBOUR, WILCOX, CLARKE, MONROE, CONEJAH, COVINGTON, COFFEE, DALE, HENRY, DOOTHAN, HOUSTON, ESCAMBA, GENEVA, MOBILE, PRICHARD.

**CITIES:** BIRMINGHAM, TUSCALOOSA, SELMA, DALLAS, MONTGOMERY, ANNISTON, COLUMBUS, PHENIX CITY, DOOTHAN, MOBILE, PRICHARD.

**STANDARD METROPOLITAN STATISTICAL AREAS (SMSAs):** BIRMINGHAM, TUSCALOOSA, MONTGOMERY, COLUMBUS, MOBILE.











# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S2

### ARIZONA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	1,161	817	+42
20 or more employees.....	..do.....	259	175	+48
All employees:				
Number.....	Thousands.....	40.8	26.3	+55
Payroll.....	Million dollars	215.9	111.1	+94
Value added by manufacture:				
Unadjusted.....	..do.....	359.7	192.5	+87
Adjusted.....	..do.....	374.4	(NA)	(NA)
Capital expenditures, new.....	..do.....	26.7	13.8	+93

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2 <sup>1</sup> ,161	2 <sup>2</sup> 59	40,756	215,922	359,742	374,379	26,718	26,269	192,497
20	Food and kindred products.....	211	62	5,249	24,304	51,445	52,920	3,338	4,523	38,385
23	Apparel and related products.....	68	20	1,748	4,747	8,172	8,147	175	785	3,641
24	Lumber and wood products.....	96	25	2,798	11,768	16,148	15,536	1,370	2,647	14,702
25	Furniture and fixtures.....	63	12	754	2,944	4,000	4,481	211	337	1,991
27	Printing and publishing.....	184	22	2,841	12,847	26,135	26,323	2,593	2,196	16,646
28	Chemicals and products.....	44	14	1,154	6,004	10,348	12,251	673	1,333	15,669
32	Stone, clay, and glass products <sup>3</sup> .....	106	27	2,104	10,998	24,787	25,350	2,286	1,005	8,480
33	Primary metal industries.....	21	12	4,978	26,991	43,351	47,148	(D)	4,393	36,266
34	Fabricated metal products.....	76	16	1,734	8,701	13,171	12,783	765	1,150	5,514
35	Machinery, except electrical <sup>3</sup> .....	115	17	2,795	16,538	16,232	18,697	3,552	1,328	7,600
37	Transportation equipment.....	35	12	10,525	67,844	116,004	118,687	909	5,881	40,751
39	Miscellaneous manufactures (including Ordnance).....	66	9	871	3,196	4,996	5,037	556	336	1,827
--	Administrative and auxiliary <sup>4</sup> .....	...	...	199	1,245	...	...	...	120	...

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete, and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
ARIZONA, TOTAL.....	1,161	259	40,756	215,922	359,742	374,379	26,718	26,269	192,497
STANDARD METROPOLITAN STATISTICAL AREAS									
Phoenix <sup>2</sup> .....	703	172	25,961	142,598	220,552	227,290	13,368	15,772	115,281
Tucson <sup>3</sup> .....	202	37	8,140	44,588	84,097	91,522	2,123	4,548	37,438
COUNTIES <sup>4</sup>									
Coconino.....	32	10	1,039	4,414	5,556	5,421	763	711	3,774
Gila.....	23	6	1,010	5,199	11,197	11,261	(D)	939	6,873
Maricopa.....	703	172	25,762	141,353	220,552	227,290	13,368	15,717	115,281
Navajo.....	38	5	599	2,282	3,778	3,701	327	557	3,387
Pima.....	202	37	8,140	44,588	84,097	91,522	2,123	4,548	37,438
Pinal.....	28	5	442	1,653	3,338	3,338	311	407	3,053
Yavapai.....	25	5	559	1,853	2,816	2,812	441	299	1,550
Yuma.....	26	5	337	1,314	3,352	3,554	223	354	2,306

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the Standard Metropolitan Statistical Areas but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.

<sup>2</sup>The Phoenix Standard Metropolitan Statistical Area consists of Maricopa County, Arizona.

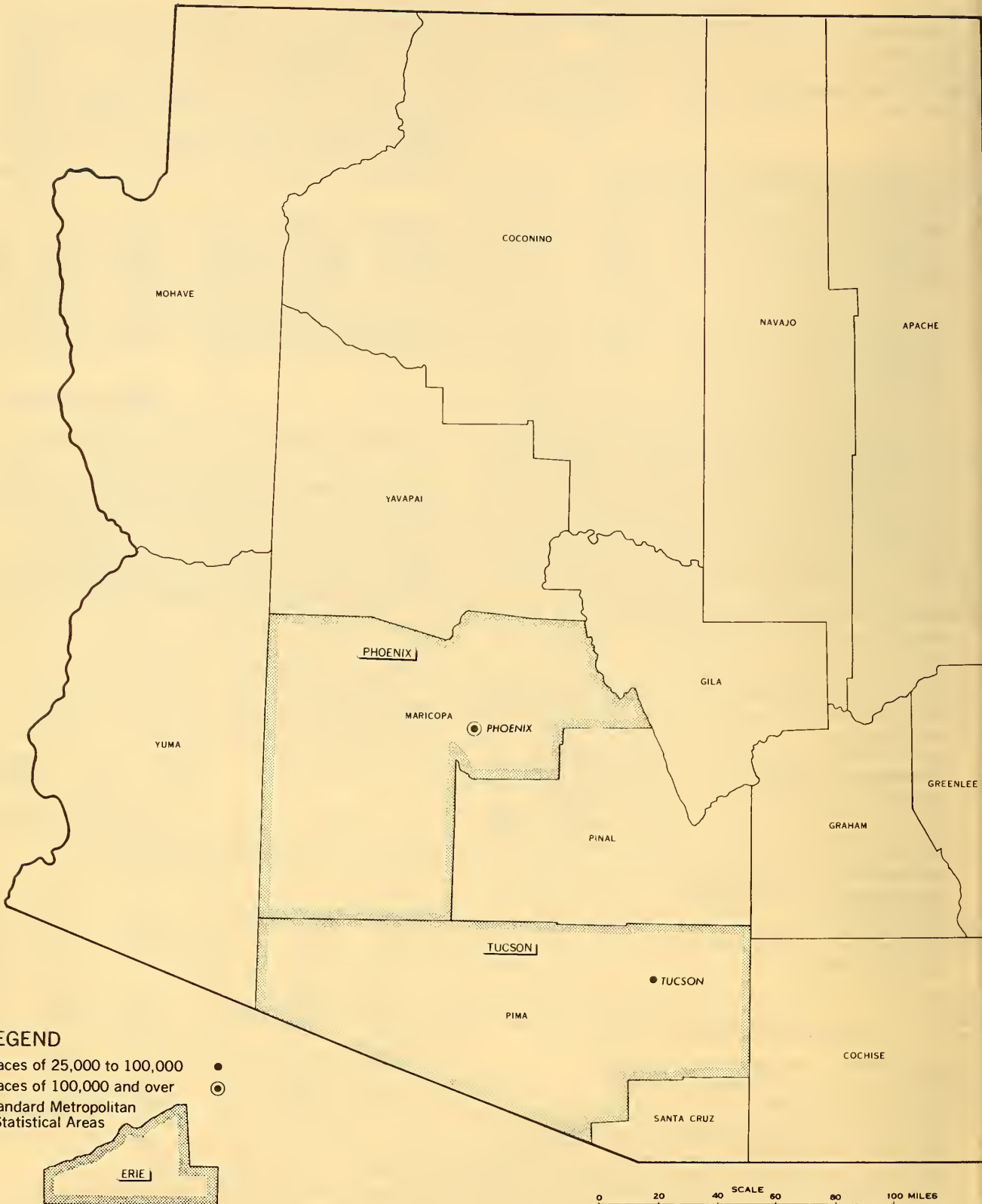
<sup>3</sup>The Tucson Standard Metropolitan Statistical Area consists of Pima County, Arizona.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954)

# ARIZONA



DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S3

### ARKANSAS

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	2,583	2,428	+6
20 or more employees.....	...do.....	669	568	+18
All employees:				
Number.....	Thousands.....	88.3	79.2	+11
Payroll.....	Million dollars	289.3	222.3	+30
Value added by manufacture:				
Unadjusted.....	...do.....	576.0	457.0	+26
Adjusted.....	...do.....	583.9	(NA)	(NA)
Capital expenditures, new.....	...do.....	46.0	42.7	+8

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

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Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,583	2,669	88,266	289,288	575,970	583,860	45,981	79,196	457,047
20	Food and kindred products.....	463	158	14,290	43,091	89,502	93,202	5,375	12,788	75,312
22	Textile mill products.....	16	13	2,215	5,895	10,919	10,889	653	2,258	7,100
23	Apparel and related products.....	59	43	7,822	17,048	25,532	25,871	310	5,250	14,381
24	Lumber and wood products.....	1,142	188	21,160	51,630	79,297	78,579	6,980	21,768	71,468
25	Furniture and fixtures.....	105	47	6,907	20,585	29,274	29,698	1,234	4,856	19,014
26	Pulp, paper and products.....	23	20	5,190	26,973	64,846	65,267	9,575	3,965	48,705
27	Printing and publishing.....	217	26	2,961	11,781	19,506	20,348	2,193	2,756	15,759
28	Chemicals and products.....	65	31	4,309	22,147	56,086	57,036	4,719	5,191	62,888
29	Petroleum and coal products.....	19	12	1,581	8,888	21,313	20,897	5,222	1,430	19,749
31	Leather and leather goods.....	14	13	3,947	9,156	20,739	20,663	404	3,626	16,301
32	Stone, clay, and glass products <sup>3</sup> .....	111	29	3,419	13,676	31,988	31,313	2,213	2,694	18,678
33	Primary metal industries.....	20	10	2,308	13,636	34,827	34,821	644	2,617	29,597
34	Fabricated metal products.....	89	29	2,391	9,449	16,105	16,802	1,972	1,885	9,981
35	Machinery, except electrical <sup>3</sup> .....	109	10	1,329	5,189	11,955	11,330	738	600	6,378
36	Electrical machinery.....	17	11	2,896	10,485	27,334	28,972	1,132	1,652	15,623
37	Transportation equipment.....	35	11	1,029	3,323	5,767	5,996	461	473	2,284
—	Administrative and auxiliary <sup>4</sup> .....	...	...	825	4,897	...	...	...	661	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
ARKANSAS, TOTAL.....	2,583	669	88,266	289,288	575,970	583,860	45,981	79,196	457,047
STANDARD METROPOLITAN STATISTICAL AREAS									
Fort Smith <sup>2</sup> .....	156	71	8,074	28,586	52,623	53,582	2,121	6,376	40,887
Little Rock-North Little Rock <sup>3</sup> .....	279	115	13,516	47,833	100,480	102,626	4,735	11,649	67,556
COUNTIES <sup>4</sup>									
Arkansas.....	32	7	809	2,697	6,212	6,618	376	946	9,780
Ashley.....	46	11	2,733	11,191	24,752	24,950	6,396	2,603	19,042
Benton.....	68	24	1,988	5,964	10,440	11,020	578	1,928	9,016
Boone.....	31	9	970	2,261	3,056	2,930	340	876	3,002
Bradley.....	35	7	1,729	5,038	6,971	6,872	458	1,843	7,802
Chicot.....	16	4	282	652	1,094	1,064	50	256	825
Clark.....	59	9	1,707	6,410	13,821	14,175	2,283	1,727	8,540
Clay.....	22	2	448	1,049	2,108	2,088	115	440	1,503
Columbia.....	61	13	1,410	3,996	6,728	7,009	634	1,479	4,699
Conway.....	20	6	917	2,305	3,596	3,710	79	953	2,804
Craighead.....	52	17	2,206	7,276	15,790	16,664	645	1,382	8,424
Crawford.....	24	9	868	2,074	3,582	3,705	224	714	1,697
Crittenden.....	27	10	629	1,861	3,286	3,350	443	459	2,753
Dallas.....	46	7	1,032	2,665	3,769	3,661	390	945	3,078
Drew.....	28	8	934	2,234	5,035	5,023	183	834	3,372
Faulkner.....	29	11	1,224	3,558	7,465	7,579	224	832	4,325
Garland.....	65	13	1,495	4,498	8,557	8,511	529	1,115	4,772
Grant.....	47	8	832	2,177	2,587	2,889	365	597	2,313
Greene.....	30	7	1,336	3,386	7,689	7,985	464	1,108	3,047
Hempstead.....	35	10	1,181	2,922	5,035	5,151	271	1,139	4,381
Hot Spring.....	52	15	2,400	10,976	25,881	25,816	312	2,981	27,517
Howard.....	24	7	1,138	3,676	8,756	8,598	1,065	808	5,633
Independence.....	43	6	1,171	2,934	5,465	5,487	530	927	4,822
Jackson.....	18	4	432	1,506	3,369	3,518	172	1,040	5,501
Jefferson.....	82	27	3,936	15,744	29,281	29,143	2,017	3,026	14,618
Johnson.....	37	5	550	1,370	2,153	2,640	207	476	1,608
Lafayette.....	16	4	346	837	1,946	2,410	79	287	594
Lawrence.....	29	4	573	1,243	1,801	2,053	144	299	1,198
Logan.....	21	5	380	820	2,550	2,410	40	113	315
Miller.....	34	5	307	986	1,762	1,982	138	364	1,828
Mississippi.....	51	19	1,898	5,246	10,117	10,317	826	1,068	7,493
Monroe.....	16	3	477	1,091	2,575	2,585	44	407	1,313
Montgomery.....	13	3	264	453	637	703	83	46	150
Nevada.....	26	3	322	972	1,728	1,781	342	243	760
Quachita.....	80	19	3,194	12,873	27,406	27,597	1,062	4,295	37,101
Phillips.....	32	12	2,284	6,836	13,471	14,317	956	2,147	7,534
Pike.....	30	3	345	883	1,135	1,232	85	455	1,421
Polk.....	32	11	1,118	1,998	2,886	2,830	185	688	1,518
Pope.....	48	9	1,280	3,274	6,284	6,711	347	1,056	4,789
Pulaski.....	279	115	13,494	47,767	100,480	102,626	4,736	11,626	67,556
Randolph.....	21	4	632	1,329	2,906	2,863	89	568	2,296
St. Francis.....	22	8	743	2,178	5,049	4,432	103	474	1,880
Saline.....	40	9	3,040	13,592	33,045	33,389	629	3,112	27,665
Scott.....	18	5	387	1,079	1,351	1,390	136	150	453
Sebastian.....	156	71	8,063	28,471	52,623	53,582	2,121	6,376	40,887
Union.....	90	25	3,698	17,462	43,294	42,748	9,530	3,955	46,257
Washington.....	74	27	3,076	8,218	16,191	15,726	2,844	2,091	9,102
White.....	48	5	996	2,513	5,617	5,646	188	1,150	5,614
Yell.....	20	8	577	1,389	2,991	2,644	327	444	1,992

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

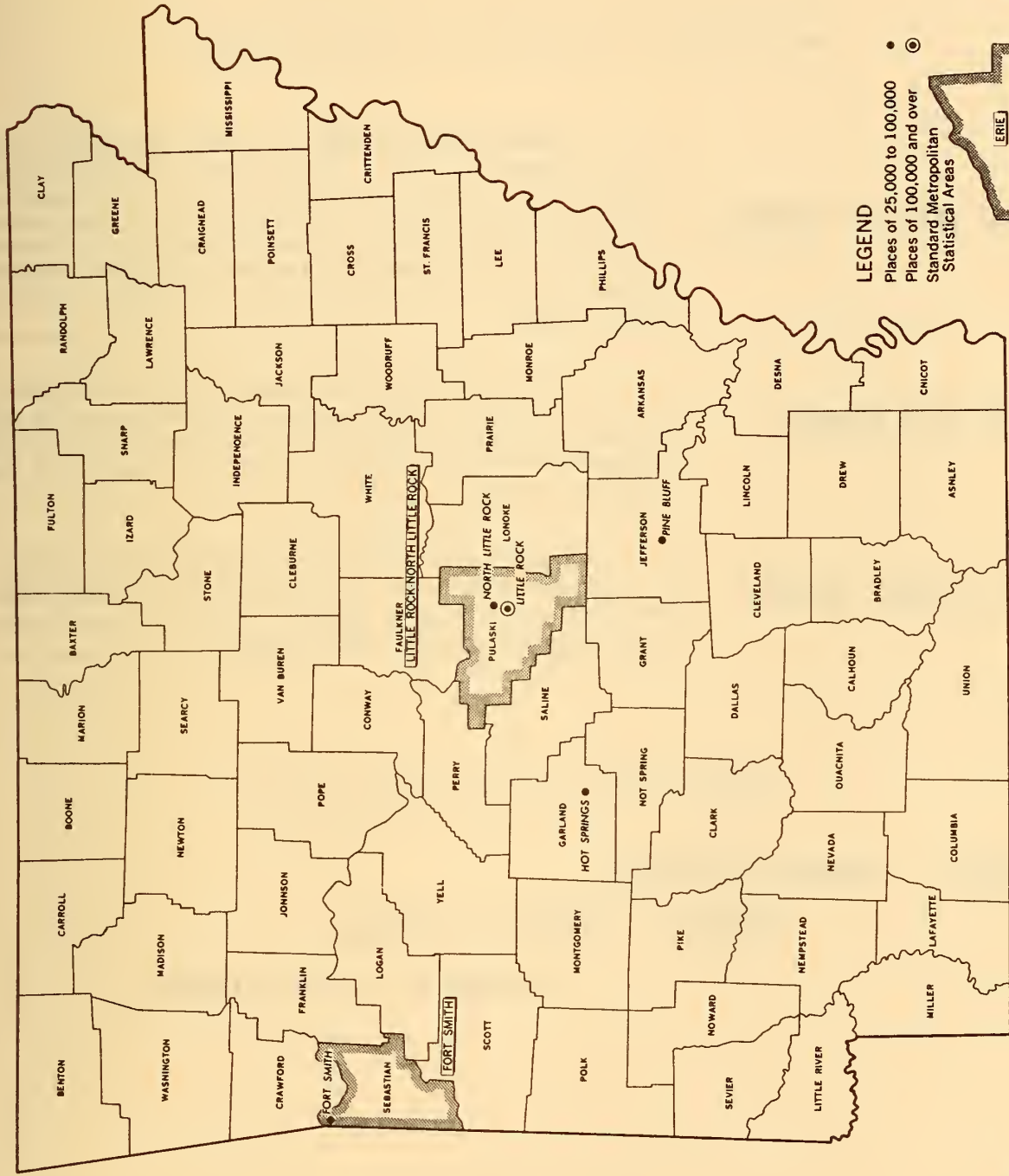
<sup>2</sup>The Fort Smith Standard Metropolitan Statistical Area consists of Sebastian County, Arkansas.

<sup>3</sup>The Little Rock-North Little Rock Standard Metropolitan Statistical Area consists of Pulaski County, Arkansas.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY INDUSTRY GROUPS: 1958 AND 1954  
(This State contained no standard metropolitan statistical areas with 40,000 OR MORE MANUFACTURING EMPLOYEES IN 1958 AND 1954).

ARKANSAS





# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.











# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S<sup>4</sup>

### CALIFORNIA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	28,390	24,509	+16
20 or more employees.....	...do.....	7,888	6,642	+19
All employees:				
Number.....	Thousands.....	1215.1	1052.8	+15
Payroll.....	Million dollars	6846.8	4802.4	+43
Value added by manufacture:				
Unadjusted.....	...do.....	11,912.9	8597.5	+39
Adjusted.....	...do.....	12,025.4	(NA)	(NA)
Capital expenditures, new.....	...do.....	738.4	549.8	+34

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



## CALIFORNIA

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	28,390	27,888	1,215,084	6,846,825	11,912,924	12,025,396	738,440	1,052,785	8,597,453
20	Food and kindred products.....	3,077	1,220	156,301	755,941	1,831,790	1,888,944	96,263	143,958	1,400,857
22	Textile mill products.....	222	85	5,713	24,241	52,361	52,499	1,918	5,368	39,302
23	Apparel and related products.....	2,280	799	57,899	189,248	349,218	351,188	9,299	55,481	279,351
24	Lumber and wood products.....	2,331	546	51,943	247,688	399,911	403,554	34,329	55,735	422,036
25	Furniture and fixtures.....	1,494	361	27,904	133,573	213,580	219,462	7,515	22,411	153,651
26	Pulp, paper and products.....	395	205	24,539	128,771	256,394	261,454	26,099	20,703	182,701
27	Printing and publishing.....	3,114	521	63,573	346,986	585,526	588,035	29,833	52,682	416,442
28	Chemicals and products.....	1,260	345	35,806	205,180	603,849	630,910	63,345	31,579	424,136
29	Petroleum and coal products.....	178	66	20,645	129,248	373,152	314,946	65,495	20,155	273,072
30	Rubber products.....	170	78	15,247	83,429	169,334	174,915	7,978	16,381	135,273
32	Stone, clay, and glass products <sup>3</sup> .....	1,433	388	41,611	213,967	475,796	479,328	39,975	33,115	297,934
33	Primary metal industries.....	651	276	43,432	250,974	465,027	469,599	90,417	42,590	357,716
34	Fabricated metal products.....	2,963	856	87,964	481,949	867,752	849,158	47,851	72,131	578,995
35	Machinery, except electrical <sup>3</sup> .....	3,996	728	84,581	494,745	800,967	826,069	50,720	68,448	580,306
36	Electrical machinery.....	1,106	418	81,121	451,258	755,344	752,951	37,537	52,727	409,623
37	Transportation equipment.....	1,326	468	308,836	2,040,212	2,979,482	3,008,024	99,406	272,843	2,163,882
38	Instruments and related products.....	469	129	18,366	103,650	185,494	191,724	6,835	13,381	111,243
39	Miscellaneous manufactures (including Ordnance).....	1,695	336	54,730	312,261	511,365	525,204	22,349	45,077	334,304
—	Administrative and auxiliary <sup>4</sup> .....	...	...	28,973	231,255	...	...	...	21,661	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
CALIFORNIA, TOTAL.....	28,390	7,888	1,215,084	6,846,825	11,912,924	12,025,396	738,440	1,052,785	8,597,453
STANDARD METROPOLITAN STATISTICAL AREAS									
Bakersfield <sup>2</sup> .....	215	50	5,529	30,788	59,294	60,277	7,047	(NA)	33,726
Fresno <sup>2</sup> .....	436	119	12,743	56,202	131,908	142,467	11,355	12,786	117,186
Los Angeles-Long Beach <sup>4</sup> .....	16,921	4,786	728,104	4,130,667	6,987,760	7,021,958	317,790	647,084	5,041,546
Sacramento <sup>5</sup> .....	334	98	20,655	126,071	243,656	245,574	12,941	10,920	112,203
San Bernardino-Riverside-Ontario <sup>6</sup> .....	774	164	29,287	157,255	315,793	321,591	98,211	24,542	205,195
San Diego <sup>7</sup> .....	756	160	71,394	447,883	579,875	613,610	25,944	48,137	390,218
San Francisco-Oakland <sup>8</sup> .....	4,439	1,318	190,869	1,079,636	2,033,424	2,045,178	153,381	186,206	1,673,825
San Jose <sup>9</sup> .....	768	251	53,043	337,036	610,114	622,852	36,996	28,434	263,587
Santa Barbara <sup>10</sup> .....	170	35	4,204	20,671	37,769	36,785	1,809	(NA)	12,822
Stockton <sup>11</sup> .....	302	98	12,747	61,524	140,102	148,620	10,878	11,145	109,352
COUNTIES <sup>1,2</sup>									
Alameda.....	1,554	544	68,701	366,532	788,730	800,262	37,824	68,501	656,993
Amador.....	34	10	736	3,694	7,049	7,054	1,118	540	4,149
Butte.....	118	25	3,116	12,348	22,917	21,208	2,041	3,083	23,023
Calaveras.....	28	6	1,177	6,163	12,807	12,909	716	995	10,223
Contra Costa.....	293	96	26,320	158,024	415,267	397,820	75,748	28,014	350,049

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
CALIFORNIA--Continued									
COUNTIES <sup>12</sup> --Continued									
Del Norte.....	85	21	2,384	12,643	24,485	27,083	1,299	2,380	20,701
El Dorado.....	69	15	1,383	6,344	12,138	10,914	580	1,361	9,276
Fresno.....	436	119	12,664	55,665	131,908	142,467	11,355	12,747	117,186
Glenn.....	27	5	452	2,082	3,835	3,179	98	467	4,412
Humboldt.....	460	108	12,070	60,547	99,313	95,268	8,177	12,733	107,099
Imperial.....	56	13	1,004	4,943	14,814	14,949	1,047	1,362	16,339
Kern.....	215	50	5,305	27,684	59,294	60,277	7,047	3,181	33,726
Kings.....	50	15	1,220	5,699	13,334	13,426	1,348	740	7,813
Lassen.....	24	7	747	3,693	6,594	6,359	229	1,738	11,650
Los Angeles.....	16,094	4,568	684,313	3,858,503	6,669,905	6,698,240	292,841	624,047	4,925,646
Madera.....	44	11	886	4,117	7,994	7,623	708	790	7,296
Marin.....	119	20	1,724	9,447	16,838	16,852	1,135	1,154	10,266
Mendocino.....	258	52	5,200	25,212	42,069	43,388	3,739	6,437	49,902
Merced.....	80	27	1,860	7,057	18,334	17,684	827	1,619	16,270
Modoc.....	17	6	469	2,230	2,732	1,794	199	377	2,380
Monterey.....	157	46	4,245	18,566	43,088	44,686	3,457	3,122	20,618
Napa.....	72	21	2,394	10,955	20,520	22,656	1,885	1,771	12,120
Nevada.....	53	10	656	3,044	4,832	4,563	560	622	4,061
Orange.....	827	218	31,278	172,020	317,855	323,718	24,949	15,755	115,900
Placer.....	45	8	1,304	6,256	12,168	12,499	701	1,265	9,911
Plumas.....	36	11	1,238	5,753	13,093	12,343	531	1,496	12,895
Riverside.....	275	56	11,860	61,723	97,340	100,066	12,188	8,517	68,661
Sacramento.....	334	98	20,627	125,941	243,656	245,574	12,941	10,907	112,203
San Benito.....	16	6	641	3,361	7,405	7,492	414	544	4,496
San Bernardino.....	499	108	17,376	95,175	218,453	221,525	86,023	15,981	156,534
San Diego.....	756	160	70,893	443,084	579,875	613,610	25,944	47,731	390,218
San Francisco.....	1,847	495	55,249	296,416	544,817	557,596	21,449	56,580	495,815
San Joaquin.....	302	98	12,747	61,524	140,102	148,620	10,878	11,033	109,352
San Luis Obispo.....	63	8	836	3,293	9,186	9,509	1,267	414	2,414
San Mateo.....	556	144	23,997	138,611	246,907	250,239	16,447	17,021	143,261
Santa Barbara.....	170	35	4,069	19,167	37,769	36,785	1,809	1,928	12,822
Santa Clara.....	768	251	51,281	323,661	610,114	622,852	36,996	27,942	263,587
Santa Cruz.....	123	33	3,378	12,195	31,795	31,485	1,265	2,698	18,947
Shasta.....	106	27	3,317	16,484	26,413	25,894	1,635	3,249	25,515
Sierra.....	9	3	317	1,514	3,726	3,744	103	394	3,059
Siskiyou.....	95	25	2,972	11,610	18,999	18,434	1,730	3,766	25,693
Solano.....	70	19	1,916	9,386	20,865	22,409	778	1,865	17,441
Sonoma.....	318	62	5,406	23,089	52,041	50,570	4,664	4,702	35,271
Stanislaus.....	210	69	9,495	37,630	81,691	83,080	7,865	6,536	63,258
Sutter.....	35	9	765	2,764	4,425	4,868	467	616	4,592
Tehama.....	50	18	1,791	9,350	13,985	16,557	4,709	1,022	8,291
Trinity.....	58	12	863	4,086	7,122	7,202	548	701	5,255
Tulare.....	164	42	3,037	12,356	26,118	26,173	1,816	3,017	24,119
Tuolumne.....	27	6	1,214	6,226	5,656	7,412	510	1,060	8,883
Ventura.....	130	39	5,980	33,292	56,702	56,289	3,133	2,700	20,556
Yuba.....	33	10	717	3,427	5,400	5,753	464	792	6,052

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.<sup>2</sup>The Bakersfield Standard Metropolitan Statistical Area consists of Kern County, California.<sup>3</sup>The Fresno Standard Metropolitan Statistical Area consists of Fresno County, California.<sup>4</sup>The Los Angeles-Long Beach Standard Metropolitan Statistical Area consists of Los Angeles and Orange Counties, California.<sup>5</sup>The Sacramento Standard Metropolitan Statistical Area consists of Sacramento County, California.<sup>6</sup>The San Bernardino-Riverside-Ontario Standard Metropolitan Statistical Area consists of San Bernardino and Riverside Counties, California.<sup>7</sup>The San Diego Standard Metropolitan Statistical Area consists of San Diego County, California.<sup>8</sup>The San Francisco-Oakland Standard Metropolitan Statistical Area consists of Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Solano Counties, California.<sup>9</sup>The San Jose Standard Metropolitan Statistical Area consists of Santa Clara County, California.<sup>10</sup>The Santa Barbara Standard Metropolitan Statistical Area consists of Santa Barbara County, California.<sup>11</sup>The Stockton Standard Metropolitan Statistical Area consists of San Joaquin County, California.<sup>12</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



## CALIFORNIA

5

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
LOS ANGELES-LONG BEACH STANDARD METROPOLITAN STATISTICAL AREA (Consists of Los Angeles and Orange Counties, California)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	216,921	24,786	728,104	4,130,667	6,987,760	7,021,958	317,790	647,084	5,041,546
20	Food and kindred products.....	1,022	394	52,683	280,346	616,218	643,788	33,405	50,129	442,431
22	Textile mill products.....	177	62	3,930	16,442	35,763	36,316	1,314	3,599	26,570
23	Apparel and related products.....	1,753	659	45,650	150,472	276,098	277,546	7,773	43,161	207,257
24	Lumber and wood products.....	502	101	6,940	32,082	50,445	52,899	2,731	6,893	45,067
25	Furniture and fixtures.....	1,033	275	20,627	97,804	154,324	159,771	4,014	16,481	112,538
26	Pulp, paper and products.....	251	121	13,165	67,874	131,363	134,495	11,198	11,227	92,821
27	Printing and publishing.....	1,658	275	32,809	177,805	296,791	299,148	15,696	26,894	203,282
28	Chemicals and products.....	745	204	19,847	115,109	348,183	360,790	23,105	16,200	211,977
29	Petroleum and coal products.....	92	36	11,564	71,667	183,719	146,088	24,564	11,483	127,059
30	Rubber products.....	133	61	13,528	73,789	150,673	155,579	6,732	14,750	122,278
32	Stone, clay, and glass products <sup>3</sup> .....	673	190	20,022	97,839	198,226	201,021	10,858	18,621	146,578
33	Primary metal industries.....	443	186	23,078	126,376	212,340	215,386	11,876	20,717	177,157
34	Fabricated metal products.....	2,104	625	59,468	321,553	564,223	546,676	30,171	48,409	380,786
35	Machinery, except electrical <sup>3</sup> .....	2,810	518	58,211	344,129	562,983	566,661	29,741	47,278	407,984
36	Electrical machinery.....	815	305	59,751	323,703	516,501	517,606	22,839	38,741	259,827
37	Transportation equipment.....	1,040	371	210,620	1,374,149	2,101,146	2,098,989	58,641	213,148	1,794,182
38	Instruments and related products.....	345	101	15,850	89,825	158,287	164,204	5,618	11,650	96,264
39	Miscellaneous manufactures (including Ordnance).....	1,159	253	43,466	254,423	406,589	420,140	17,478	36,136	266,129
--	Administrative and auxiliary <sup>4</sup> .....	...	...	12,513	100,144	...	...	...	7,282	...
SAN DIEGO STANDARD METROPOLITAN STATISTICAL AREA (Consists of San Diego County, California)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2756	2160	71,394	447,883	579,875	613,610	25,944	48,137	390,218
20	Food and kindred products.....	113	41	4,480	23,552	49,827	50,137	1,799	4,479	41,950
23	Apparel and related products.....	30	8	1,245	3,889	5,585	5,621	83	870	3,666
24	Lumber and wood products.....	34	2	259	1,456	2,451	2,746	97	176	1,207
25	Furniture and fixtures.....	47	9	593	2,835	4,317	4,487	112	403	2,357
27	Printing and publishing.....	119	16	2,284	12,892	27,902	27,922	970	1,677	15,812
28	Chemicals and products.....	32	4	409	2,195	8,465	7,975	551	398	6,091
32	Stone, clay, and glass products <sup>3</sup> .....	48	10	758	4,601	8,886	8,913	439	252	1,903
34	Fabricated metal products.....	72	10	714	3,419	5,511	5,697	463	537	3,912
35	Machinery, except electrical <sup>3</sup> .....	71	13	1,096	5,743	9,670	9,899	1,047	415	3,407
36	Electrical machinery.....	29	7	1,039	5,901	9,982	9,206	768	366	1,679
37	Transportation equipment.....	60	23	56,473	367,983	432,928	466,119	18,798	37,024	299,679
38	Instruments and related products.....	15	3	633	4,238	6,494	6,773	316	562	4,804
39	Miscellaneous manufactures (including Ordnance).....	57	7	522	2,313	4,372	4,238	368	414	3,052
--	Administrative and auxiliary <sup>4</sup> .....	...	...	501	4,799	...	...	...	406	...
SAN FRANCISCO-OAKLAND STANDARD METROPOLITAN STATISTICAL AREA (Consists of Alameda, Contra Costa, Marin, San Francisco, San Mateo, and Solano Counties, California)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	24,439	21,318	190,869	1,079,636	2,033,424	2,045,178	153,381	186,206	1,673,825
20	Food and kindred products.....	607	260	36,521	188,341	476,572	494,137	21,109	34,827	399,609
22	Textile mill products.....	27	16	1,213	5,801	11,886	11,461	435	1,380	10,217
23	Apparel and related products.....	379	106	8,028	26,286	51,371	52,668	837	8,757	57,360
24	Lumber and wood products.....	154	31	1,788	8,996	13,138	14,006	1,100	2,014	13,185
25	Furniture and fixtures.....	239	52	4,380	22,421	38,512	38,861	1,701	4,501	32,583
26	Pulp, paper and products.....	90	57	7,400	40,041	80,353	81,463	5,593	6,591	63,889
27	Printing and publishing.....	687	140	18,119	105,662	167,483	168,168	7,647	15,918	130,050
28	Chemicals and products.....	281	92	11,320	64,934	174,649	187,694	30,116	11,345	152,452
29	Petroleum and coal products.....	28	12	7,437	47,449	158,719	139,245	35,919	7,692	128,946
32	Stone, clay, and glass products <sup>3</sup> .....	186	62	6,869	38,104	79,208	78,635	5,358	5,131	49,288
33	Primary metal industries.....	117	55	10,295	64,049	141,733	140,221	7,745	11,438	103,831
34	Fabricated metal products.....	473	147	20,657	117,770	210,636	208,644	12,647	17,851	144,474
35	Machinery, except electrical <sup>3</sup> .....	523	112	13,832	79,071	140,533	142,792	9,695	13,851	121,839
36	Electrical machinery.....	138	55	11,254	66,824	120,502	117,892	7,875	7,465	73,291
37	Transportation equipment.....	115	45	12,204	70,122	110,848	109,110	3,602	15,752	126,650
38	Instruments and related products.....	61	15	1,139	5,731	11,798	12,202	271	1,001	9,023
39	Miscellaneous manufactures (including Ordnance).....	263	42	2,974	13,501	20,771	22,441	1,272	4,041	30,841
--	Administrative and auxiliary <sup>4</sup> .....	...	...	12,962	101,220	...	...	...	13,071	...

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Code	Major Industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		SAN JOSE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Santa Clara County, California)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2768	2251	53,043	337,036	610,114	622,852	36,996	28,434	263,587
20	Food and kindred products.....	149	78	12,010	50,969	131,366	125,780	5,982	11,876	101,812
23	Apparel and related products.....	12	1	358	1,075	2,631	2,622	24	(D)	(D)
24	Lumber and wood products.....	28	5	478	2,152	3,895	3,944	101	1,036	6,682
25	Furniture and fixtures.....	33	4	721	4,020	4,818	5,005	240	132	749
26	Pulp, paper and products.....	13	9	1,046	5,885	14,582	13,402	1,837	414	4,430
27	Printing and publishing.....	98	20	2,279	11,953	21,943	22,109	1,262	1,556	14,264
28	Chemicals and products.....	35	8	800	4,760	12,337	13,669	733	698	11,575
32	Stone, clay, and glass products <sup>3</sup> .....	51	21	2,156	13,138	38,493	38,236	2,901	1,540	21,462
33	Primary metal industries.....	20	6	334	1,769	2,755	2,768	127	186	1,134
34	Fabricated metal products.....	63	17	2,306	14,539	31,266	31,486	1,141	1,367	13,964
35	Machinery, except electrical <sup>3</sup> .....	135	26	5,519	35,423	31,258	49,708	7,672	2,143	12,593
36	Electrical machinery.....	53	31	5,900	37,232	64,228	64,646	4,662	4,727	51,488
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,762	13,375	...	...	...	492	...

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.<sup>2</sup>Does not include the number of administrative and auxiliary units.<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.



# CALIFORNIA



**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

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**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**





# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S5

### COLORADO

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	2,237	2,069	+8
20 or more employees.....	...do.....	540	490	+10
All employees:				
Number.....	Thousands.....	78.2	64.4	+21
Payroll.....	Million dollars	407.0	254.8	+60
Value added by manufacture:				
Unadjusted.....	...do.....	762.0	472.4	+61
Adjusted.....	...do.....	785.3	(NA)	(NA)
Capital expenditures, new.....	...do.....	45.4	30.1	+51

NA Not available.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.





Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOM--DC--

## COLORADO

Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,237	2540	78,157	407,026	761,954	785,337	45,398	64,446	472,433
20	Food and kindred products.....	488	165	17,598	80,188	168,067	174,347	10,016	16,641	120,852
23	Apparel and related products.....	65	22	1,513	5,113	7,634	8,576	158	1,880	6,971
24	Lumber and wood products.....	252	28	2,714	9,378	12,651	13,183	2,946	2,912	12,959
25	Furniture and fixtures.....	75	13	1,189	5,084	8,116	8,592	162	876	5,194
26	Pulp, paper and products.....	25	14	843	4,235	8,608	8,871	1,002	701	6,292
27	Printing and publishing.....	385	50	7,009	32,891	53,251	54,563	2,679	5,927	39,553
28	Chemicals and products.....	100	22	2,166	10,960	33,491	35,736	1,251	3,145	33,024
29	Petroleum and coal products.....	20	10	808	4,947	15,063	14,127	3,058	575	9,234
32	Stone, clay, and glass products <sup>2</sup> .....	178	45	4,432	20,600	46,568	46,805	3,650	2,787	23,231
34	Fabricated metal products.....	159	44	3,548	18,101	29,584	32,633	1,553	2,729	18,243
35	Machinery, except electrical <sup>3</sup> .....	181	45	5,407	28,259	55,087	57,021	3,487	4,523	32,974
36	Electrical machinery.....	40	14	1,858	8,012	15,334	15,747	535	871	4,257
37	Transportation equipment.....	36	12	7,904	54,597	96,858	96,783	4,167	863	5,362
38	Instruments and related products.....	26	5	407	1,989	3,333	3,443	94	677	3,996
39	Miscellaneous manufactures (including Ordnance).....	139	28	3,455	17,732	36,380	37,962	472	2,812	17,572
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,904	13,535	...	...	...	1,405	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

(See text for explanation of column captions.)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>2</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
COLORADO, TOTAL.....	2,237	540	78,157	407,026	761,954	785,337	45,398	64,446	472,433
STANDARD METROPOLITAN STATISTICAL AREAS									
Denver <sup>2</sup> .....	1,289	371	54,166	288,228	550,390	567,361	30,840	43,107	320,461
Pueblo <sup>3</sup> .....	86	26	9,639	60,197	96,374	97,453	6,030	8,675	72,109
COUNTIES <sup>4</sup>									
Adams.....	68	31	4,384	24,640	55,879	55,918	4,786	2,352	33,134
Arapahoe.....	98	28	2,896	13,398	27,310	26,674	1,303	2,566	16,912
Boulder.....	88	17	1,240	4,760	10,566	10,738	708	1,080	6,817
Delta.....	22	3	311	973	1,896	1,763	163	372	1,452
Denver.....	957	281	35,187	172,398	324,241	343,452	17,469	33,458	236,932
El Paso.....	138	32	3,122	13,996	24,461	25,045	1,227	2,717	17,989
Fremont.....	27	3	490	2,226	10,817	10,714	223	463	6,935
Jefferson.....	78	14	8,961	62,025	132,394	130,579	6,574	2,396	26,665
La Plata.....	26	6	340	1,537	2,270	2,381	250	294	1,683
Larimer.....	89	18	1,947	7,961	18,776	19,983	1,284	1,164	10,016
Logan.....	17	4	282	1,218	2,069	2,415	87	322	1,732
Montrose.....	27	5	267	791	1,067	1,208	209	116	507
Morgan.....	15	4	367	1,423	3,886	3,934	224	577	4,061
Otero.....	41	8	1,050	3,627	6,035	5,998	385	691	2,714
Pueblo.....	86	26	9,427	58,866	96,374	97,453	6,030	8,675	72,109
Weld.....	76	19	1,711	7,627	16,709	18,216	832	1,562	9,792

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

<sup>2</sup>The Denver Standard Metropolitan Statistical Area consists of Adams, Arapahoe, Boulder, Denver, and Jefferson Counties, Colorado.

<sup>3</sup>The Pueblo Standard Metropolitan Statistical Area consists of Pueblo County, Colorado.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



## 1958 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		DENVER STANDARD METROPOLITAN STATISTICAL AREA (Consists of Adams, Arapahoe, Boulder, Denver, and Jefferson Counties, Colorado)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,289	<sup>2</sup> 371	54,166	288,228	550,390	567,361	30,840	43,107	320,461
20	Food and kindred products.....	211	96	11,317	55,199	118,140	120,515	7,411	}	(3)
23	Apparel and related products.....	56	20	1,408	4,838	7,302	8,230	137		
24	Lumber and wood products.....	49	9	941	3,690	4,467	4,741	771		
25	Furniture and fixtures.....	61	12	805	3,667	6,214	6,524	123		
27	Printing and publishing.....	231	32	5,198	25,625	40,329	41,518	2,088		
28	Chemicals and products.....	68	18	1,583	8,184	26,359	28,012	894		
29	Petroleum and coal products.....	16	8	577	3,452	12,301	10,792	2,840		
32	Stone, clay, and glass products <sup>4</sup> .....	90	25	2,680	12,172	21,018	21,086	1,942		
34	Fabricated metal products.....	126	36	3,078	16,070	25,439	28,465	1,432		
35	Machinery, except electrical <sup>4</sup> .....	125	37	4,207	21,748	44,690	46,255	2,729		
36	Electrical machinery.....	27	9	1,080	5,384	11,862	11,962	329	}	(3)
38	Instruments and related products.....	22	4	369	1,845	3,108	3,161	61		
39	Miscellaneous manufactures (including Ordnance).....	105	24	3,085	16,435	34,187	35,795	314		
--	Administrative and auxiliary <sup>5</sup> .....	...	...	1,498	11,007	...	...	...		

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release. The definition of the standard metropolitan statistical area has been revised since 1954 to include Boulder County in addition to the four counties previously covered by this area.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

A detailed map of Colorado, showing its county boundaries and names. The map is oriented with North at the top. Major cities are marked with dots and labeled: Denver (with a city icon), Pueblo, Colorado Springs, and El Paso. The map also shows the locations of the Four Corners and the tri-state area where Colorado, New Mexico, and Arizona meet. The map is a light beige color with black outlines for county boundaries and city locations.

Counties shown (clockwise from top-left):

- Sedgwick
- Phillips
- Yuma
- Washington
- Morgan
- Weld
- Lincoln
- Cheyenne
- Kit Carson
- Bent
- Prowers
- Baca
- Las Animas
- Huerfano
- Costilla
- Conejos
- Archuleta
- La Plata
- Montezuma
- Dolores
- San Miguel
- Ouray
- Hinsdale
- San Juan
- Montrose
- Delta
- Mesa
- Gunnison
- Chaffee
- Park
- Lane
- Pitkin
- Garfield
- Rio Blanco
- Moffat
- Route
- Jackson
- Grand
- Summit
- Eagle
- Clear Creek
- Gilpin
- Boulder
- Jefferson
- Adams
- Denver
- Arapahoe
- Douglas
- Elbert
- Teller
- Fremont
- Custer
- Saguache
- Alamosa
- Rio Grande
- Mineral

Major cities marked:

- Denver
- Pueblo
- Colorado Springs
- El Paso

Places of 25,000 to 100,000  
Places of 100,000 and over  
Standard Metropolitan  
Statistical Areas



SCALE

10 20 30 40 50 MILES

BUREAU OF THE CENSUS







**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

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**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**





# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S6

### CONNECTICUT

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	5,261	5,090	+3
20 or more employees.....	...do.....	1,882	1,864	+1
All employees:				
Number.....	Thousands.....	394.6	420.0	-6
Payroll.....	Million dollars	1,962.6	1,751.0	+12
Value added by manufacture:				
Unadjusted.....	...do.....	3,219.8	2,877.5	+12
Adjusted.....	...do.....	3,185.0	(NA)	(NA)
Capital expenditures, new.....	...do.....	198.6	129.6	+53

NA Not available.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.





Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954  
(See text for explanation of column captions)

Code	Major industry group	1958						1954	
		Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
	ALL INDUSTRIES, TOTAL.....	5,261	1,882	394,646	1,962,593	3,219,770	3,185,015	198,586	420,054
20	Food and kindred products.....	487	141	12,979	60,127	129,207	136,822	5,860	12,760
22	Textile mill products.....	200	123	18,827	73,260	120,448	114,552	3,736	26,897
23	Apparel and related products.....	325	193	15,067	44,614	80,891	82,770	2,349	17,467
24	Lumber and wood products.....	154	26	1,538	6,513	8,825	9,412	905	1,604
25	Furniture and fixtures.....	135	38	3,412	14,642	25,369	25,100	651	2,632
26	Pulp, paper and products.....	106	59	7,930	40,825	68,795	68,333	23,730	8,586
27	Printing and publishing.....	500	131	14,278	74,280	112,596	113,997	7,015	13,711
28	Chemicals and products.....	171	39	9,058	50,146	127,113	132,114	16,288	9,528
29	Petroleum and coal products.....	21	4	299	1,787	3,750	3,323	245	263
30	Rubber products.....	46	31	11,609	58,841	103,667	110,060	5,837	13,018
31	Leather and leather goods.....	43	25	2,606	8,460	12,037	12,073	181	2,500
32	Stone, clay, and glass products <sup>3</sup> .....	196	59	6,055	30,694	51,389	53,530	4,586	4,901
33	Primary metal industries.....	206	103	24,796	134,326	230,490	237,801	19,643	27,892
34	Fabricated metal products.....	811	267	41,090	196,348	311,284	306,081	20,554	44,296
35	Machinery, except electrical <sup>3</sup> .....	999	235	66,997	338,038	575,743	553,289	33,057	72,836
36	Electrical machinery.....	247	135	29,519	137,984	288,086	279,719	9,039	33,420
37	Transportation equipment.....	151	56	70,576	398,682	619,986	581,507	29,620	63,568
38	Instruments and related products.....	107	59	17,529	80,537	126,223	126,071	4,719	15,788
--	Administrative and auxiliary <sup>4</sup> .....	...	...	12,503	82,667	...	...	...	6,841

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-Mixed Concrete, and establishments classified in Industry 3599, Machine Shops, that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishments at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.



## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
CONNECTICUT, TOTAL.....	5,261	1,882	394,646	1,962,593	3,219,770	3,185,015	198,586	420,034	2,877,486
STANDARD METROPOLITAN STATISTICAL AREAS									
Bridgeport <sup>2</sup> .....	773	289	64,973	331,066	565,368	567,760	26,749	(8)	(8)
Hartford <sup>3</sup> .....	876	281	87,115	451,742	736,639	714,998	32,883	(8)	(8)
New Britain <sup>4</sup> .....	326	107	31,484	150,264	247,386	241,220	11,461	(8)	(8)
New Haven <sup>5</sup> .....	729	277	42,725	206,349	324,777	332,757	19,082	(8)	(8)
Stamford <sup>6</sup> .....	324	122	18,316	99,730	183,499	174,048	12,453	(8)	(8)
Waterbury <sup>7</sup> .....	412	144	37,235	188,885	297,253	296,922	21,547	43,029	307,565
COUNTIES <sup>9</sup>									
Fairfield.....	1,464	573	100,192	504,100	910,949	904,234	51,318	105,895	817,769
Hartford.....	1,283	407	119,469	596,457	1,024,801	984,625	44,668	130,848	873,906
Litchfield.....	265	92	16,550	73,539	120,517	121,484	24,429	16,962	106,172
Middlesex.....	244	78	9,713	43,478	81,997	84,036	4,004	10,088	68,696
New Haven.....	1,488	524	98,588	480,188	798,458	803,665	51,701	111,938	779,643
New London.....	248	109	23,735	127,188	189,769	192,557	18,483	22,658	146,371
Tolland.....	77	25	2,826	10,978	19,403	20,011	1,014	3,123	19,616
Windham.....	148	68	10,395	39,827	65,412	65,809	2,532	11,778	66,188

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

<sup>2</sup>The Bridgeport Standard Metropolitan Statistical Area consists of Bridgeport and Shelton Cities and Fairfield, Monroe, Stratford, and Trumbull Towns in Fairfield County; and Milford Town in New Haven County, Connecticut.

<sup>3</sup>The Hartford Standard Metropolitan Statistical Area consists of Hartford City and Avon, Bloomfield, Canton, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Manchester, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks Towns in Hartford County; Cromwell Town in Middlesex County; and Vernon Town in Tolland County, Connecticut.

<sup>4</sup>The New Britain Standard Metropolitan Statistical Area consists of New Britain City and Berlin, Plainville, and Southington Towns in Hartford County, Connecticut.

<sup>5</sup>The New Haven Standard Metropolitan Statistical Area consists of New Haven City and Branford, East Haven, Guilford, Hamden, North Haven, Orange, West Haven, and Woodbridge Towns in New Haven County, Connecticut.

<sup>6</sup>The Stamford Standard Metropolitan Statistical Area consists of Stamford City and Darien, Greenwich, and New Canaan Towns in Fairfield County, Connecticut.

<sup>7</sup>The Waterbury Standard Metropolitan Statistical Area consists of Waterbury City; Naugatuck Borough; and Beacon Falls, Cheshire, Middlebury, Prospect, and Wolcott Towns in New Haven County; and Thomaston and Watertown Towns in Litchfield County, Connecticut.

<sup>8</sup>The definition of this standard metropolitan statistical area has been revised since 1954. Comparable 1954 data based on the new definition for the area were not available in time for inclusion in this preliminary release but will be included in the final report for the State.

<sup>9</sup>The sum of the county figures will not equal the figures shown for the State because there were 44 small establishments with a total employment of approximately 650 for which the correct county code figure was not available in time for this report. The figures will be corrected for the final State report.

## CONNECTICUT

5

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		BRIDGEPORT STANDARD METROPOLITAN STATISTICAL AREA (Consists of Bridgeport and Shelton Cities and Fairfield, Monroe, Stratford, and Trumbull Towns in Fairfield County; and Milford Town in New Haven County, Connecticut)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2773	2289	64,973	331,066	565,368	567,760	26,749			
20	Food and kindred products.....	54	23	1,828	7,820	16,114	16,356	640			
22	Textile mill products.....	7	6	618	2,030	3,040	2,771	30			
23	Apparel and related products.....	59	42	3,956	12,502	24,306	25,618	617			
25	Furniture and fixtures.....	12	5	302	1,113	1,632	1,657	43			
26	Pulp, paper and products.....	10	6	542	2,465	4,220	4,267	236			
27	Printing and publishing.....	58	13	1,269	7,146	11,174	11,207	277			
28	Chemicals and products.....	19	5	836	3,794	8,168	12,150	164			
30	Rubber products.....	10	8	1,938	10,751	20,021	18,725	1,879			
32	Stone, clay, and glass products <sup>4</sup> .....	22	4	1,573	9,025	14,385	15,181	402			
33	Primary metal industries.....	40	19	4,918	28,011	53,286	53,314	3,384			
34	Fabricated metal products.....	123	44	5,946	28,213	44,572	45,517	1,271			
35	Machinery, except electrical <sup>4</sup> .....	207	43	10,282	55,796	87,261	83,968	2,693			
36	Electrical machinery.....	37	21	6,857	33,421	102,932	101,697	2,344			
37	Transportation equipment.....	28	11	14,921	82,607	105,511	106,654	9,658			
38	Instruments and related products.....	21	11	3,427	14,984	24,428	25,538	980			
39	Miscellaneous manufactures (including Ordnance).....	47	19	3,538	17,855	42,028	40,951	2,063			
--	Administrative and auxiliary <sup>5</sup> .....	...	...	1,867	12,202	...	...	...			
		HARTFORD STANDARD METROPOLITAN STATISTICAL AREA (Consists of Hartford City and Avon, Bloomfield, Canton, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Manchester, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks Towns in Hartford County; Cromwell Town in Middlesex County; and Vernon Town in Tolland County, Connecticut)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2876	2281	87,115	451,742	736,639	714,998	32,883			
20	Food and kindred products.....	105	31	3,310	15,583	40,927	43,648	1,900			
22	Textile mill products.....	14	9	2,516	10,873	20,057	14,772	326			
23	Apparel and related products.....	27	11	1,244	4,078	8,655	8,693	102			
24	Lumber and wood products.....	23	7	470	2,197	2,647	2,840	147			
25	Furniture and fixtures.....	34	7	534	2,455	4,261	3,742	126			
26	Pulp, paper and products.....	22	11	1,297	6,887	13,784	13,407	823			
27	Printing and publishing.....	118	30	2,956	14,759	23,550	24,684	1,608			
28	Chemicals and products.....	25	6	1,069	5,069	12,573	11,025	388			
32	Stone, clay, and glass products <sup>4</sup> .....	25	12	832	4,345	9,307	9,939	645			
33	Primary metal industries.....	18	9	1,284	6,019	7,537	8,812	317			
34	Fabricated metal products.....	110	32	4,609	24,310	40,228	40,949	5,156			
35	Machinery, except electrical <sup>4</sup> .....	211	61	20,590	98,209	159,339	156,910	7,136			
36	Electrical machinery.....	36	15	3,414	14,751	31,168	31,108	715			
38	Instruments and related products.....	16	3	597	2,956	4,980	4,890	216			
39	Miscellaneous manufactures (including Ordnance).....	40	16	1,943	9,812	20,102	37,123	1,001			
--	Administrative and auxiliary <sup>5</sup> .....	...	...	3,915	27,975	...	...	...			
		NEW HAVEN STANDARD METROPOLITAN STATISTICAL AREA (Consists of New Haven City and Branford, East Haven, Guilford, Hamden, North Haven, Orange, West Haven, and Woodbridge Towns in New Haven County, Connecticut)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2729	2277	42,725	206,349	324,777	332,757	19,082			
20	Food and kindred products.....	75	19	2,711	14,181	23,971	26,101	1,340			
22	Textile mill products.....	6	4	507	2,345	3,588	3,946	183			
23	Apparel and related products.....	113	63	4,402	12,732	23,050	24,150	420			
25	Furniture and fixtures.....	27	10	543	2,083	2,826	2,789	31			
26	Pulp, paper and products.....	17	8	1,895	9,932	16,151	15,692	1,399			
27	Printing and publishing.....	80	28	2,746	13,894	18,932	18,982	816			
28	Chemicals and products.....	36	4	404	2,310	5,227	5,462	380			
32	Stone, clay, and glass products <sup>4</sup> .....	29	13	825	4,466	7,152	7,107	1,478			
33	Primary metal industries.....	36	21	3,624	19,830	29,900	30,772	2,240			
34	Fabricated metal products.....	80	23	3,493	17,570	28,445	29,762	3,279			
35	Machinery, except electrical <sup>4</sup> .....	96	26	2,883	13,694	20,569	20,417	1,023			
36	Electrical machinery.....	30	14	1,887	9,059	12,986	12,128	355			
38	Instruments and related products.....	8	5	1,933	8,590	14,342	13,111	186			
39	Miscellaneous manufactures (including Ordnance).....	45	20	5,566	26,596	34,701	33,900	2,057			
--	Administrative and auxiliary <sup>5</sup> .....	...	...	312	3,553	...	...	...			

See footnotes at end of table.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954—Continued  
(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		WATERBURY STANDARD METROPOLITAN STATISTICAL AREA (Consists of Waterbury City; Naugatuck Borough; and Beacon Falls, Cheshire, Middlebury, Prospect, and Wolcott Towns in New Haven County; and Thomaston and Watertown Towns in Litchfield County, Connecticut)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,412	2,144	37,235	188,885	297,253	296,922	21,547	43,029	307,565
20	Food and kindred products.....	30	6	927	4,880	15,309	15,570	394	961	10,083
23	Apparel and related products.....	13	7	968	2,565	3,112	3,033	18	1,018	2,797
26	Pulp, paper and products.....	3	3	323	1,707	2,604	2,603	159	320	1,983
27	Printing and publishing.....	25	4	749	3,723	5,267	5,267	(D)	787	4,749
32	Stone, clay, and glass products <sup>4</sup> .....	15	6	402	1,677	2,646	2,885	86	392	2,141
33	Primary metal industries.....	20	15	6,061	34,049	54,660	59,337	7,786	7,363	65,999
34	Fabricated metal products.....	131	44	7,241	36,619	54,066	51,267	3,875	6,558	43,266
35	Machinery, except electrical <sup>4</sup> .....	88	18	3,639	18,471	34,654	28,056	3,790	2,983	25,561
36	Electrical machinery.....	6	5	673	2,815	3,343	3,263	221	916	6,689
38	Instruments and related products.....	12	10	4,992	21,873	33,257	33,657	784	3,773	23,179
39	Miscellaneous manufactures (including Ordnance).....	39	16	3,239	14,992	22,793	24,135	1,048	8,597	51,304
--	Administrative and auxiliary <sup>5</sup> .....	...	...	770	5,991	...	...	...	843	...

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

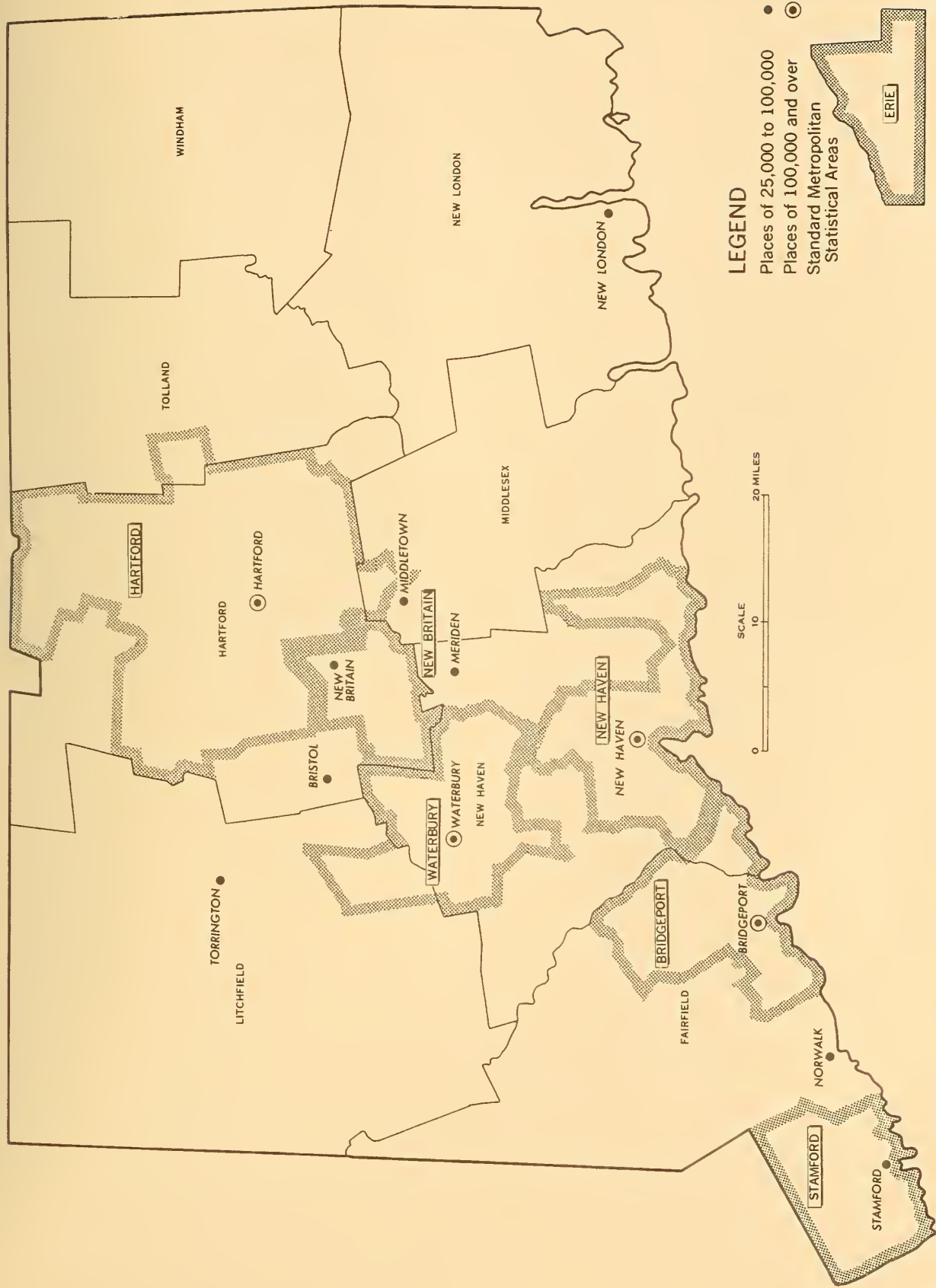
<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The definition of this standard metropolitan statistical area has been revised since 1954. Comparable 1954 data based on the new definition for the area were not available in time for inclusion in this preliminary release but will be included in the final report for the State.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-Mixed Concrete, and establishments classified in Industry 3599, Machine Shops, that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.





**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

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# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S7

### DELAWARE

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	553	556	-1
20 or more employees.....	...do.....	222	209	+6
All employees:				
Number.....	Thousands.....	58.2	54.5	+7
Payroll.....	Million dollars	349.8	267.4	+31
Value added by manufacture:				
Unadjusted.....	...do.....	417.4	353.1	+18
Adjusted.....	...do.....	415.3	(NA)	(NA)
Capital expenditures, new.....	...do.....	27.2	23.4	+16

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.



Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOM--DC--

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....*	2553	222	58,236	349,832	417,371	415,327	27,163	353,083
20	Food and kindred products.....	138	68	6,117	21,174	45,207	46,566	3,352	37,509
22	Textile mill products.....	20	11	2,565	10,464	13,767	13,236	545	16,245
23	Apparel and related products.....	28	17	3,308	11,313	29,620	30,101	90	22,037
24	Lumber and wood products.....	54	13	933	2,267	3,247	3,314	490	3,465
26	Pulp, paper and products.....	8	6	634	3,007	5,837	5,550	464	8,241
27	Printing and publishing.....	50	10	1,276	7,051	10,734	10,688	318	8,929
28	Chemicals and products.....	38	16	5,911	24,393	99,241	95,633	9,190	101,706
31	Leather and leather goods.....	13	10	2,090	8,220	14,418	13,028	256	12,025
32	Stone, clay, and glass products <sup>3</sup> .....	41	13	720	2,997	7,161	7,255	447	3,213
33	Primary metal industries.....	8	7	2,924	15,863	22,115	20,957	2,936	25,287
34	Fabricated metal products.....	41	12	1,706	8,717	16,681	16,128	472	8,757
35	Machinery, except electrical <sup>3</sup> .....	50	17	2,902	16,890	20,208	17,390	1,233	14,868
—	Administrative and auxiliary <sup>4</sup> .....	...	...	17,613	156,904	...	...	...	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment (s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
DELAWARE, total.....	553	222	58,236	349,832	417,371	415,327	27,163	353,083
STANDARD METROPOLITAN STATISTICAL AREAS								
Wilmington <sup>2</sup> .....	368	153	56,625	372,043	455,168	451,659	33,093	387,324
Portion in Delaware.....	306	131	46,144	304,307	310,836	308,620	20,047	251,617
Portion in New Jersey.....	62	22	10,481	67,736	144,332	143,039	13,046	135,707
COUNTIES <sup>3</sup>								
Kent.....	73	31	4,376	14,439	35,436	35,769	820	24,014
New Castle.....	306	131	28,823	148,638	310,836	308,620	20,047	251,617
Sussex.....	164	60	7,362	29,630	69,690	69,598	6,287	77,450

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

<sup>2</sup>The Wilmington Standard Metropolitan Statistical Area consists of New Castle County, Delaware; and Salem County, New Jersey.

<sup>3</sup>The sum of the county figures will not equal the figures shown for the State because there were 10 small establishments with total employment of approximately 65 for which the correct county code was not available in time for this report. The county figures will be corrected for the final State reports.



Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954  
(See text for explanation of column captions)

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		WILMINGTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of New Castle County, Delaware; Salem County New Jersey)								
	ALL INDUSTRIES, total <sup>1</sup> .....	2,368	2,153	56,625	372,043	455,168	451,659	33,093	53,089	387,324
20	Food and kindred products.....	77	32	2,570	10,473	23,121	25,014	1,444	2,348	18,806
22	Textile mill products.....	10	8	2,680	11,886	15,494	15,381	1,259	2,663	17,417
23	Apparel and related products.....	26	11	956	2,487	3,278	3,333	91	1,228	4,836
26	Pulp, paper and products.....	8	6	634	3,007	5,837	5,550	464	832	8,241
27	Printing and publishing.....	37	10	1,229	6,926	10,438	10,404	261	1,234	8,256
32	Stone, clay, and glass products <sup>3</sup> .....	31	11	2,432	10,135	21,784	22,106	1,616	2,107	14,711
33	Primary metal industries.....	8	7	2,924	15,863	22,115	20,957	2,936	2,951	25,287
35	Machinery, except electrical <sup>3</sup> .....	43	14	2,651	15,880	18,524	15,584	1,277	2,607	13,995
--	Administrative and auxiliary <sup>4</sup> .....	...	...	17,321	155,669	...	...	...	15,170	...

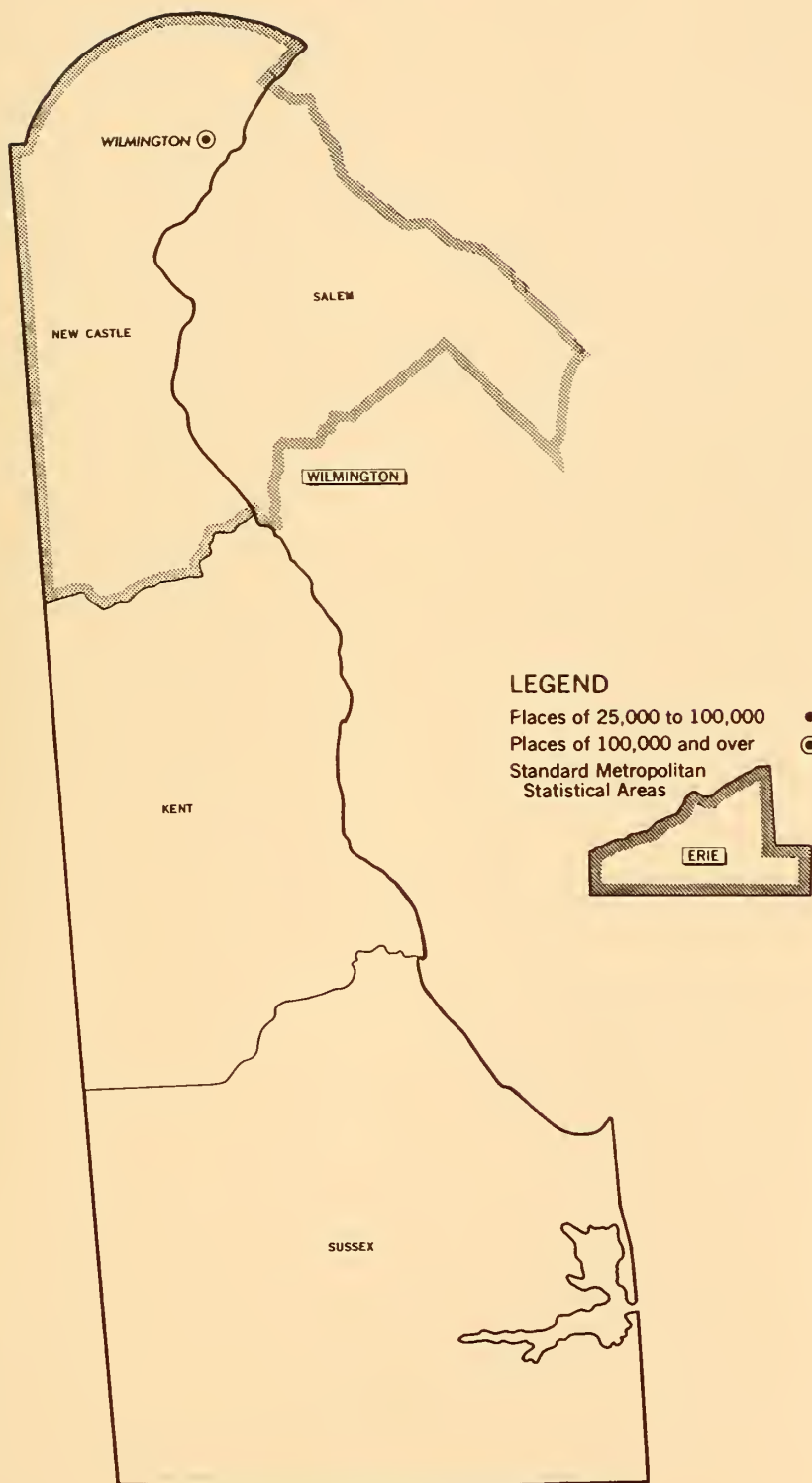
<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

# DELAWARE









DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

OFFICIAL BUSINESS

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U. S. DEPARTMENT OF COMMERCE





# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S8

### DISTRICT OF COLUMBIA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
<b>Number of establishments:</b>				
Total.....	Number.....	508	484	+5
20 or more employees.....	...do.....	145	148	-2
<b>All employees:</b>				
Number.....	Thousands.....	21.2	20.7	+2
Payroll.....	Million dollars	113.5	92.3	+23
<b>Value added by manufacture:</b>				
Unadjusted.....	...do.....	193.1	157.2	+23
Adjusted.....	...do.....	197.6	(NA)	(NA)
<b>Capital expenditures, new.....</b>	<b>...do.....</b>	<b>14.2</b>	<b>6.5</b>	<b>+118</b>

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--

## DISTRICT OF COLUMBIA

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1 2</sup> .....	<sup>3</sup> 508	<sup>3</sup> 145	21,242	113,505	193,144	197,642	14,207	*20,706	157,213
20	Food and kindred products.....	70	40	5,510	27,773	52,156	53,203	2,810	6,647	50,377
27	Printing and publishing.....	276	67	12,131	66,746	115,778	116,962	9,808	10,837	83,539
32	Stone, clay, and glass products <sup>2</sup> .....	16	9	678	3,226	5,847	7,039	564	243	1,557
--	Administrative and auxiliary <sup>4</sup> .....	...	...	408	3,718	...	...	..	*342	...

\*Revised.

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273-Ready-mixed concrete and establishments classified in Industry 3599-Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>3</sup>Does not include the number of administrative and auxiliary units.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
DISTRICT OF COLUMBIA, TOTAL.....	508	145	21,242	113,505	193,144	197,642	14,207	*20,706	157,213
STANDARD METROPOLITAN STATISTICAL AREAS									
Washington, D.C., total <sup>1</sup> .....	998	285	35,431	181,956	302,892	314,939	20,038	*30,715	223,472
Portion in District of Columbia.....	508	145	21,242	113,505	193,144	197,642	14,207	*20,706	157,213
Portion in Maryland.....	325	82	9,103	43,576	73,653	80,195	4,317	7,435	48,472
Portion in Virginia.....	165	58	5,086	24,875	36,095	37,102	1,514	2,574	17,787
COUNTIES									
(Not applicable to the District of Columbia)									

\*Revised.

<sup>1</sup>The Washington, D.C., Standard Metropolitan Statistical Area consists of the District of Columbia; Alexandria, and Falls Church Cities and Arlington and Fairfax Counties, Virginia; Montgomery and Prince Georges Counties, Maryland.

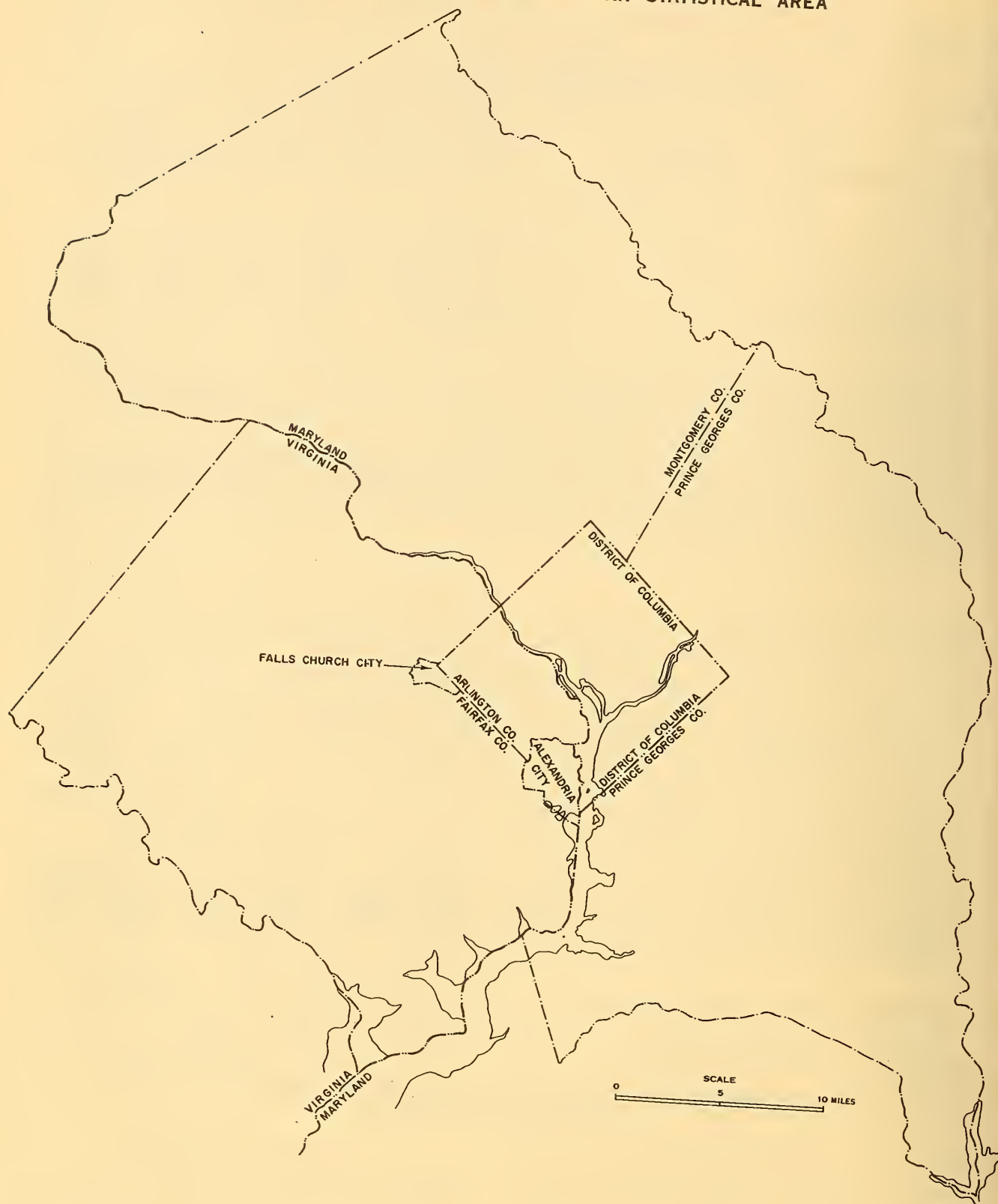
Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(Not applicable to the District of Columbia)



# WASHINGTON, D.C.-MARYLAND-VIRGINIA

## STANDARD METROPOLITAN STATISTICAL AREA









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S9

### FLORIDA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	6,308	4,792	+32
20 or more employees.....	...do.....	1,536	1,065	+44
All employees:				
Number.....	Thousands.....	173.5	124.0	+40
Payroll.....	Million dollars	692.8	389.3	+78
Value added by manufacture:				
Unadjusted.....	...do.....	1,422.3	797.7	+78
Adjusted.....	...do.....	1,456.9	(NA)	(NA)
Capital expenditures, new.....	...do.....	128.8	104.6	+23

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13--of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	26,308	21,536	173,539	692,761	1,422,329	1,456,945	128,798	123,958	797,721
20	Food and kindred products.....	888	331	36,248	130,243	331,592	335,554	18,497	30,391	212,319
21	Tobacco manufactures.....	57	28	7,668	20,709	44,341	44,325	757	8,959	33,730
22	Textile mill products.....	35	13	907	2,780	5,208	5,216	226	471	1,923
23	Apparel and related products.....	331	97	6,652	18,209	31,311	31,391	1,666	5,847	19,869
24	Lumber and wood products.....	966	160	13,683	36,329	55,461	57,896	7,068	16,033	56,866
25	Furniture and fixtures.....	444	102	7,487	25,225	40,277	41,112	3,225	4,696	23,197
26	Pulp, paper and products.....	87	51	13,342	64,960	156,902	155,943	30,276	11,622	139,238
27	Printing and publishing.....	760	102	12,770	58,605	102,949	103,240	8,760	9,420	62,710
28	Chemicals and products.....	307	83	14,741	66,645	236,053	241,487	9,779	9,449	80,684
29	Petroleum and coal products.....	39	12	701	3,239	6,314	6,405	619	284	2,429
31	Leather and leather goods.....	34	10	888	2,796	4,605	4,902	119	504	2,400
32	Stone, clay, and glass products <sup>3</sup> .....	596	174	12,791	48,498	103,329	108,231	18,933	5,325	36,843
33	Primary metal industries.....	54	18	1,467	5,932	12,193	11,431	958	805	4,974
34	Fabricated metal products.....	546	141	13,618	57,232	99,678	105,000	8,088	7,510	56,085
35	Machinery, except electrical <sup>3</sup> .....	370	57	4,733	17,702	29,938	30,122	2,729	2,648	18,199
36	Electrical machinery.....	97	29	4,750	21,697	36,195	36,228	4,543	906	4,417
37	Transportation equipment.....	285	72	9,426	40,634	52,252	55,139	4,232	5,712	29,395
39	Miscellaneous manufactures (Including Ordnance).....	360	44	6,318	35,183	69,254	78,225	7,787	2,211	10,059
—	Administrative and auxiliary <sup>4</sup> .....	...	...	4,438	32,948	...	...	...	590	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete, and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
FLORIDA, TOTAL.....	6,308	1,536	173,539	692,761	1,422,329	1,456,945	128,798	123,958	797,721
STANDARD METROPOLITAN STATISTICAL AREAS									
Jacksonville <sup>2</sup> .....	509	172	19,342	78,291	176,383	180,807	16,392	17,402	124,330
Miami <sup>3</sup> .....	1,694	448	37,351	144,503	251,931	260,374	19,088	24,317	141,213
Orlando <sup>4</sup> .....	330	78	10,926	55,996	111,514	120,935	11,753	(NA)	36,841
Pensacola <sup>5</sup> .....	115	39	12,589	59,176	178,451	179,198	5,897	(NA)	69,163
Tampa-St. Petersburg <sup>6</sup> .....	997	267	32,373	122,178	228,371	237,167	20,690	22,907	140,006
West Palm Beach <sup>7</sup> .....	218	42	4,715	25,389	26,294	26,857	2,027	(NA)	12,039
COUNTIES <sup>8</sup>									
Alachua.....	67	17	2,205	8,098	13,418	14,458	1,050	1,748	8,030
Baker.....	27	2	279	513	974	923	149	240	1,070
Bay.....	50	12	2,161	9,508	33,947	34,310	1,141	2,342	31,659
Bradford.....	20	4	644	2,213	2,845	2,891	344	641	2,314
Brevard.....	59	17	1,419	6,549	11,983	12,944	1,360	452	1,998
Broward.....	399	73	6,635	25,560	38,307	40,891	5,421	2,862	16,031
Clay.....	28	4	450	1,418	2,197	2,208	99	300	1,730
Columbia.....	41	8	647	1,764	4,218	4,120	208	704	2,755
Dade.....	1,694	448	37,006	141,575	251,931	260,374	19,088	24,229	141,213
Dixie.....	16	3	287	890	1,079	1,008	51	180	880
Duval.....	509	172	19,267	77,734	176,383	180,807	16,392	17,343	124,330
Gadsden.....	46	17	1,704	3,671	5,596	5,442	218	1,712	4,950
Hamilton.....	19	4	308	693	1,025	1,017	64	413	1,489
Hardee.....	14	5	371	1,022	2,645	2,776	260	191	388
Hillsborough.....	591	194	22,544	82,158	167,374	173,952	13,029	18,509	114,875
Indian River.....	28	4	420	1,548	2,995	2,910	269	247	1,410
Jackson.....	46	11	933	2,490	4,282	2,649	234	820	3,944
Lake.....	63	10	1,027	3,615	11,280	11,524	700	978	7,163
Lee.....	71	15	855	2,502	5,037	5,361	412	634	2,861
Leon.....	65	20	1,777	5,835	9,869	9,159	491	1,559	7,222
Liberty.....	11	4	276	848	1,605	1,684	199	118	375
Madison.....	35	6	636	1,632	2,710	2,842	157	760	2,884
Manatee.....	80	17	1,654	5,864	13,804	14,002	520	616	2,894
Marion.....	83	20	1,623	5,093	11,738	11,602	929	1,634	7,786
Monroe.....	31	4	264	1,085	1,591	1,596	577	162	859
Nassau.....	49	6	1,846	8,745	18,167	17,616	1,026	1,988	26,983
Orange.....	286	66	9,566	50,867	105,940	115,223	10,913	4,125	34,107
Osceola.....	26	4	298	797	1,346	1,323	149	258	1,018
Palm Beach.....	218	42	3,472	14,604	26,294	26,857	2,027	2,080	12,039
Pinellas.....	406	73	9,092	35,521	60,997	63,215	7,661	4,364	25,131
Polk.....	211	75	10,172	38,983	113,036	115,112	7,436	8,744	53,316
Putnam.....	64	10	2,858	12,331	27,760	25,734	2,309	2,312	21,192
St. Johns.....	37	6	527	2,172	4,362	4,367	346	453	3,492
St. Lucie.....	38	7	771	2,750	6,611	6,704	420	482	3,011
Seminole.....	44	12	804	2,220	5,574	5,712	840	418	2,734
Suwannee.....	27	3	349	734	1,028	1,076	115	257	954
Taylor.....	26	8	1,095	5,334	9,811	10,082	(D)	932	1,928

D Withheld to avoid disclosing figures for individual companies.

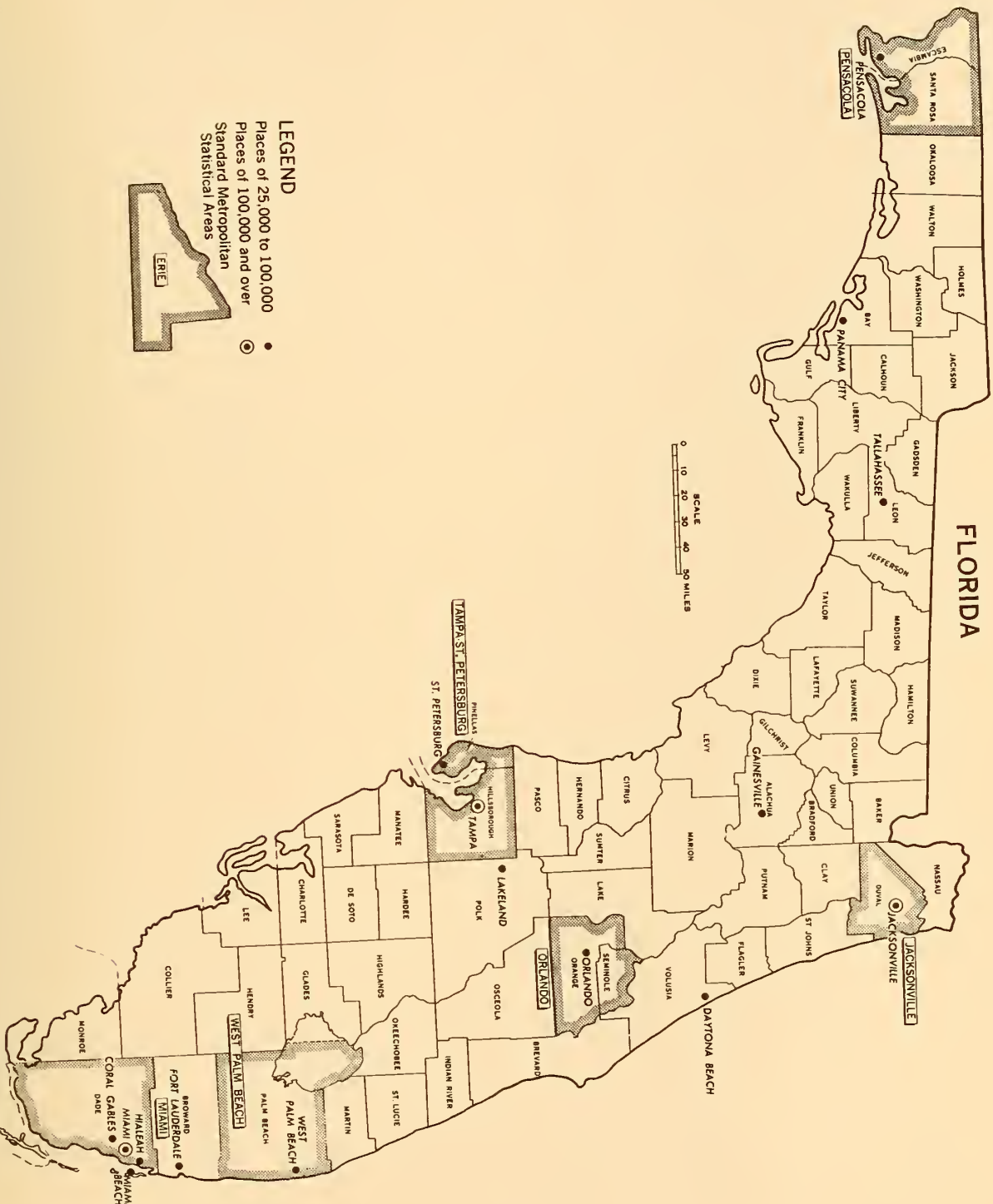
NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.<sup>2</sup>The Jacksonville Standard Metropolitan Statistical Area consists of Duval County, Florida.<sup>3</sup>The Miami Standard Metropolitan Statistical Area consists of Dade County, Florida.<sup>4</sup>The Orlando Standard Metropolitan Statistical Area consists of Orange and Seminole Counties, Florida.<sup>5</sup>The Pensacola Standard Metropolitan Statistical Area consists of Escambia and Santa Rosa Counties, Florida.<sup>6</sup>The Tampa-St. Petersburg Standard Metropolitan Statistical Area consists of Hillsborough and Pinellas Counties, Florida.<sup>7</sup>The West Palm Beach Standard Metropolitan Statistical Area consists of Palm Beach County, Florida.<sup>8</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954)

# FLORIDA



## LEGEND

- Places of 25,000 to 100,000
- Places of 100,000 and over
- Standard Metropolitan Statistical Areas









**DEPARTMENT OF COMMERCE**

**BUREAU OF THE CENSUS**

**WASHINGTON 25, D. C.**

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# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S10

### GEORGIA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

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Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	5,776	5,655	+2
20 or more employees.....	do.....	1,851	1,713	+8
All employees:				
Number.....	Thousands.....	315.6	303.3	+4
Payroll.....	Million dollars	1,078.3	854.5	+26
Value added by manufacture:				
Unadjusted.....	do.....	2,113.6	1,592.4	+33
Adjusted.....	do.....	2,122.7	(NA)	(NA)
Capital expenditures, new.....	do.....	154.8	162.8	-5

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



## GEORGIA

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Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	All industries, total <sup>1</sup> .....	25,776	21,851	315,603	1,078,270	2,113,599	2,122,683	154,837	303,278	1,592,411
20	Food and kindred products.....	866	317	41,016	134,884	335,534	343,649	31,765	34,595	263,797
22	Textile mill products.....	338	266	94,660	266,717	458,554	451,136	27,659	103,079	379,814
23	Apparel and related products.....	351	254	40,445	103,792	195,228	196,520	4,563	36,552	119,209
24	Lumber and wood products.....	2,012	279	26,229	56,612	91,064	92,963	11,264	32,329	101,530
25	Furniture and fixtures.....	183	60	6,977	22,711	38,264	39,000	1,290	6,954	33,079
26	Pulp, paper and products.....	79	60	16,841	80,810	227,600	227,969	14,362	13,803	155,088
27	Printing and publishing.....	512	94	9,689	44,982	77,276	77,750	6,803	7,964	56,213
28	Chemicals and products.....	289	124	10,572	45,413	126,126	131,263	13,146	10,084	79,500
29	Petroleum and coal products.....	21	7	646	3,112	6,498	7,278	575	517	5,690
30	Rubber products.....	25	12	793	2,732	7,031	6,889	473	470	5,134
31	Leather and leather goods.....	26	18	3,504	9,346	15,035	15,247	281	2,463	11,406
32	Stone, clay, and glass products <sup>2</sup> .....	319	98	9,750	34,289	72,424	72,844	7,686	7,175	42,244
33	Primary metal industries.....	46	20	2,944	12,629	14,535	14,315	850	2,657	14,582
34	Fabricated metal products.....	208	71	7,139	28,555	51,446	50,087	3,239	5,504	29,787
35	Machinery, except electrical <sup>3</sup> .....	265	92	8,577	36,850	73,970	71,340	2,243	7,162	43,917
36	Electrical machinery.....	33	18	3,536	17,796	37,855	38,954	1,009	2,415	17,806
37	Transportation equipment.....	61	21	24,314	144,802	245,476	246,434	25,501	22,725	207,277
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,808	12,622	...	...	...	1,899	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.) A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
Georgia, total.....	5,776	1,851	315,603	1,078,270	2,113,599	2,122,683	154,837	303,278	1,592,411
STANDARD METROPOLITAN STATISTICAL AREAS									
Atlanta <sup>2</sup> .....	1,314	524	83,830	380,621	706,974	719,005	57,839	81,966	561,051
Augusta, total <sup>3</sup> .....	183	78	23,124	104,357	207,832	209,599	5,292	27,948	152,594
Portion in Georgia.....	122	51	8,285	27,552	48,521	48,317	3,804	8,618	46,453
Portion in South Carolina.....	61	27	14,839	76,805	159,311	161,282	1,488	19,330	106,141
Chattanooga, total <sup>4</sup> .....	432	197	41,328	166,903	341,633	333,995	12,190	43,019	277,314
Portion in Georgia.....	32	12	5,497	17,123	28,622	27,479	1,242	5,693	26,425
Portion in Tennessee.....	400	185	35,831	149,780	313,011	306,516	10,948	37,326	250,889
Columbus, total <sup>5</sup> .....	177	72	17,266	51,268	116,584	116,388	4,674	17,976	69,944
Portion in Georgia.....	133	61	16,499	49,536	113,606	113,521	4,462	17,109	67,202
Portion in Alabama.....	44	11	767	1,732	2,978	2,867	212	867	2,742
Macon <sup>6</sup> .....	186	82	10,962	38,691	82,271	85,139	3,443	10,770	68,507
Savannah <sup>7</sup> .....	197	67	14,447	63,358	167,493	168,267	17,463	13,412	152,664
COUNTIES <sup>8</sup>									
Appling.....	24	6	418	928	4,067	4,261	86	360	1,177
Bacon.....	14	4	175	364	582	560	91	102	389
Baldwin.....	27	9	1,974	6,178	9,127	9,150	1,116	1,318	9,225
Barrow.....	26	18	2,227	5,042	9,037	9,083	220	2,514	6,097
Bartow.....	37	17	2,442	6,818	12,094	11,661	764	2,273	9,770
Berrien.....	22	3	234	640	1,155	1,265	467	260	861
Bibb.....	168	78	10,307	35,646	79,273	81,270	3,217	10,094	65,744
Bleckley.....	12	5	749	1,585	2,066	2,029	141	680	1,508
Brooks.....	24	7	338	772	1,286	1,323	158	458	1,485
Bulloch.....	31	8	739	1,870	4,128	3,634	297	424	1,361
Butts.....	16	4	685	1,665	1,691	1,742	143	676	2,120
Carroll.....	87	35	3,710	10,080	16,593	16,589	1,376	3,031	9,594
Catoosa.....	20	5	572	2,185	4,268	4,415	241	351	1,295
Chatham.....	197	67	14,439	63,325	167,493	168,267	17,463	13,323	152,664
Chattooga.....	19	9	4,319	12,540	22,415	22,678	1,166	4,329	20,606
Cherokee.....	51	9	2,072	5,170	10,290	9,511	665	2,319	7,479
Clarke.....	36	3	4,787	14,327	25,737	25,929	1,382	3,476	15,687
Clayton.....	36	7	427	1,325	2,767	2,744	(D)	259	1,097
Clinch.....	32	3	403	1,036	1,349	1,574	260	601	1,759
Cobb.....	97	32	17,213	102,829	134,576	134,230	(D)	18,497	123,217
Coffee.....	46	14	1,098	2,229	3,592	3,672	221	901	3,018
Colquitt.....	44	16	2,076	6,577	10,611	10,023	309	1,967	9,371
Columbia.....	18	8	929	2,739	8,506	8,460	635	252	564
Cook.....	26	7	694	1,839	3,708	3,737	698	462	1,861
Coweta.....	45	20	4,574	12,791	26,509	26,927	1,168	4,150	17,239
Crisp.....	31	10	978	3,048	7,221	6,631	286	1,309	4,669
Decatur.....	27	10	1,073	2,986	5,434	5,549	302	1,070	4,071
De Kalb.....	196	51	8,032	35,987	77,314	79,025	5,216	6,907	70,319
Dodge.....	23	6	898	2,157	3,439	3,348	111	620	1,890
Dougherty.....	71	35	3,423	11,226	24,553	25,083	1,753	3,138	14,469
Elbert.....	72	19	1,987	6,181	10,470	10,447	420	1,494	6,621
Emanuel.....	32	9	758	1,705	2,983	2,906	168	551	1,485
Evans.....	19	6	330	750	2,305	2,285	657	171	921
Floyd.....	101	42	10,094	37,885	72,574	70,700	3,334	10,353	46,517
Forsyth.....	26	3	631	1,629	4,804	4,984	251	341	1,057
Franklin.....	15	8	1,578	3,172	4,792	4,995	120	1,252	3,733
Fulton.....	931	420	54,696	224,966	481,052	491,592	40,808	53,096	358,472
Gilmer.....	36	6	790	1,781	3,401	3,520	549	822	2,727
Glynn.....	78	21	4,513	16,962	56,204	57,064	4,578	3,766	44,628
Gordon.....	36	17	1,859	4,554	9,425	9,597	433	2,223	8,212
Grady.....	25	5	1,011	2,228	3,259	3,438	195	815	2,469
Greene.....	30	7	1,116	2,418	3,300	2,929	389	1,264	3,494
Gwinnett.....	54	14	2,188	6,231	11,265	11,414	654	1,868	7,945
Habersham.....	50	16	2,158	6,053	13,433	13,312	978	2,087	8,929
Hall.....	80	34	7,239	22,120	45,795	45,952	2,465	5,807	27,619
Hancock.....	27	4	307	473	641	619	97	368	1,054
Haralson.....	25	7	3,680	12,809	18,187	18,007	217	3,092	14,928
Hart.....	18	6	1,302	4,433	8,547	8,311	150	985	3,818
Henry.....	27	5	872	3,397	5,418	5,542	428	745	3,269
Houston.....	18	4	412	1,512	2,998	3,869	226	448	2,763
Jackson.....	19	8	2,362	6,649	10,112	9,242	628	2,491	8,212
Jeff Davis.....	19	5	1,222	2,943	4,605	4,770	296	619	2,161
Jefferson.....	40	7	946	2,541	3,360	3,445	204	1,148	3,169
Jenkins.....	10	3	615	1,355	1,522	1,689	172	561	1,264
Johnson.....	10	3	465	1,024	1,661	2,014	126	425	1,391
Laurens.....	51	8	2,275	7,041	14,677	14,170	409	1,361	6,957
Lincoln.....	36	6	449	706	941	952	120	369	726
Lowndes.....	75	25	3,035	10,647	26,153	25,701	1,649	2,268	11,897
McDuffie.....	21	9	1,482	4,235	8,483	8,307	529	1,188	5,015

See footnotes at end of table.



## GEORGIA

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	All employees, number <sup>1</sup>	
COUNTIES <sup>6</sup> —Continued								
Macon.....	17	5	1,002	1,868	2,456	2,467	141	512
Madison.....	21	3	413	919	1,158	1,135	52	102
Meriwether.....	27	10	1,937	5,210	13,581	13,393	439	1,544
Mitchell.....	32	11	1,170	2,701	3,606	4,146	224	921
Monroe.....	34	6	574	1,365	2,710	2,802	484	516
Morgan.....	20	3	385	1,085	2,037	2,093	70	464
Newton.....	20	10	3,003	7,285	10,506	11,445	3,150	3,274
Paulding.....	27	4	474	1,111	1,617	1,436	82	493
Peach.....	17	7	1,056	3,001	4,280	4,351	273	864
Pickens.....	17	6	1,136	3,101	4,941	5,248	402	1,142
Pierce.....	18	3	626	1,246	1,836	1,866	261	272
Polk.....	33	13	3,270	10,619	22,318	21,501	3,711	3,696
Pulaski.....	14	2	381	1,001	1,588	1,581	125	314
Putnam.....	18	2	733	2,061	3,149	3,444	149	890
Rabun.....	15	4	807	2,073	1,973	3,400	(D)	570
Randolph.....	16	4	508	1,297	1,944	1,977	100	540
Richmond.....	122	51	8,252	27,417	48,521	48,317	3,804	8,602
Rockdale.....	10	4	961	2,497	4,019	3,556	91	855
Screven.....	45	3	494	1,028	1,336	1,349	127	693
Spalding.....	47	16	6,762	17,839	24,749	24,616	1,175	7,082
Stephens.....	40	15	3,149	9,974	23,862	22,204	693	3,407
Sumter.....	37	11	1,531	3,849	7,948	8,250	274	1,476
Talbot.....	21	3	296	667	1,119	1,187	51	352
Telfair.....	30	4	540	1,123	2,164	2,092	167	783
Terrell.....	12	5	547	1,393	1,297	1,217	104	550
Thomas.....	58	17	2,449	7,925	11,779	12,524	842	2,495
Tift.....	44	10	1,225	3,798	5,828	6,548	348	1,302
Toombs.....	38	8	1,384	3,177	5,213	5,243	230	975
Troup.....	69	25	8,127	19,976	42,512	39,984	3,359	9,716
Upson.....	25	6	4,438	13,601	26,866	27,887	1,346	5,082
Walker.....	32	12	5,467	16,967	28,622	27,479	1,242	5,693
Walton.....	27	11	2,358	5,636	7,808	7,908	1,087	2,301
Ware.....	52	16	1,879	5,056	8,994	9,204	354	2,036
Washington.....	49	12	1,443	3,573	6,815	6,902	418	715
Wayne.....	39	8	1,817	6,192	17,066	16,244	1,752	1,321
White.....	20	4	502	1,381	3,550	3,438	225	469
Whitfield.....	151	77	8,957	26,300	54,498	55,816	3,054	8,809
Wilcox.....	10	3	261	476	581	570	61	115
Wilkes.....	30	3	992	2,313	3,051	3,202	443	839
Wilkinson.....	20	3	359	775	981	1,041	105	415

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the Standard Metropolitan Statistical Areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.<sup>2</sup>The Atlanta, Georgia Standard Metropolitan Statistical Area consists of Clayton, Cobb, De Kalb, Fulton and Gwinnett Counties, Georgia.<sup>3</sup>The Augusta, Georgia-South Carolina Standard Metropolitan Statistical Area consists of Richmond County, Georgia and Aiken County, South Carolina.<sup>4</sup>The Chattanooga, Tennessee-Georgia Standard Metropolitan Statistical Area consists of Walker County, Georgia and Hamilton County, Tennessee.<sup>5</sup>The Columbus, Georgia-Alabama Standard Metropolitan Statistical Area consists of Chattahoochee and Muscogee Counties in Georgia and Russell County, Alabama.<sup>6</sup>The Macon, Georgia Standard Metropolitan Statistical Area consists of Bibb and Houston Counties, Georgia.<sup>7</sup>The Savannah, Georgia Standard Metropolitan Statistical Area consists of Chatham County, Georgia.<sup>8</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954				
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted		
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)		(\$1,000)		
		ATLANTA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Clayton, Cobb, De Kalb, Fulton and Gwinnett Counties, Georgia)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,314	<sup>2</sup> 524	83,830	380,621	706,974	719,005	57,839	81,966	561,051		
20	Food and kindred products.....	196	93	11,908	47,004	125,631	127,467	17,327	}	(3)		
22	Textile mill products.....	29	18	6,162	17,660	25,978	25,411	753				
23	Apparel and related products.....	90	57	7,225	20,464	46,884	47,646	690				
24	Lumber and wood products.....	108	20	1,591	4,353	5,755	5,828	455				
25	Furniture and fixtures.....	82	29	3,891	13,491	23,956	24,379	602				
26	Pulp, paper and products.....	40	29	4,384	19,827	36,914	38,451	1,946				
27	Printing and publishing.....	223	59	5,901	30,253	53,051	53,336	4,039				
28	Chemicals and products.....	107	46	2,713	13,542	30,498	33,392	1,418				
31	Leather and leather goods.....	13	9	1,735	5,122	9,241	9,463	85				
32	Stone, clay, and glass products <sup>4</sup> .....	76	27	2,410	9,844	23,232	23,601	1,459				
33	Primary metal industries.....	18	10	2,038	9,376	10,466	10,417	184	}	(3)		
34	Fabricated metal products.....	100	37	2,871	12,502	21,674	22,845	1,483				
35	Machinery, except electrical <sup>4</sup> .....	101	44	3,598	16,538	28,778	29,292	664				
36	Electrical machinery.....	20	11	1,434	6,999	15,190	16,295	444				
37	Transportation equipment.....	29	10	21,435	132,698	225,251	226,754	24,774				
39	Miscellaneous manufactures (Including Ordnance).....	57	20	2,832	10,029	20,811	20,817	1,202				
--	Administrative and auxiliary <sup>5</sup> .....	...	...	1,274	9,283	...	...	...				
		CHATTANOOGA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Walker County, Georgia and Hamilton County, Tennessee)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 432	<sup>2</sup> 197	41,328	166,903	341,633	333,995	12,190			43,019	277,314
20	Food and kindred products.....	66	33	3,411	13,137	27,852	30,897	1,596			3,121	19,533
22	Textile mill products.....	48	43	11,286	34,500	61,194	60,237	2,414	12,355	53,947		
23	Apparel and related products.....	10	6	872	2,017	2,695	2,883	58	782	3,585		
24	Lumber and wood products.....	39	9	1,017	3,199	4,953	4,743	179	1,299	5,549		
25	Furniture and fixtures.....	25	10	1,066	3,928	6,227	6,240	102	1,141	4,914		
26	Pulp, paper and products.....	9	7	1,361	5,661	13,253	13,081	603	1,435	10,734		
28	Chemicals and products.....	24	11	3,555	19,815	77,188	75,965	2,273	5,359	73,139		
31	Leather and leather goods.....	8	6	479	1,445	2,611	2,603	132	295	1,247		
32	Stone, clay, and glass products <sup>4</sup> .....	19	14	2,486	10,271	19,096	19,100	1,463	2,270	12,450		
33	Primary metal industries.....	14	11	2,528	11,593	29,281	20,775	661	3,334	22,092		
34	Fabricated metal products.....	41	18	8,368	38,884	62,020	58,816	1,175	7,053	41,497		
35	Machinery, except electrical <sup>4</sup> .....	39	14	2,645	11,930	20,684	20,726	316	1,938	12,310		
--	Administrative and auxiliary <sup>5</sup> .....	...	...	248	1,427	...	...	...	260			

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

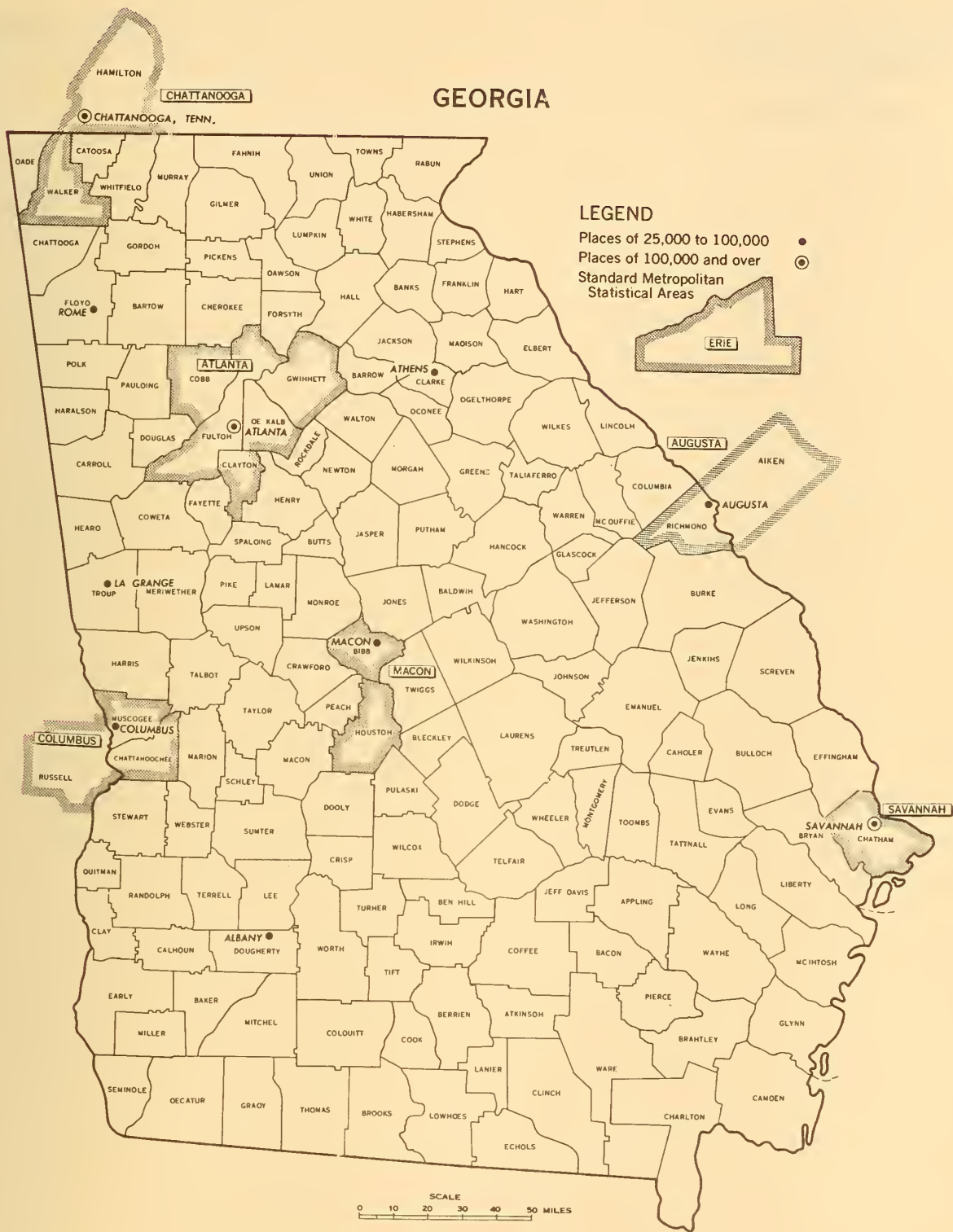
<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release. The definition of the standard metropolitan statistical area has been revised since 1954 to include Clayton and Gwinnett Counties in addition to the three counties previously included in this area.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

## GEORGIA



**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

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**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S11

### IDAHO

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	1,062	981	+8
20 or more employees.....	...do.....	244	204	+20
All employees:				
Number.....	Thousands.....	27.6	23.3	+18
Payroll.....	Million dollars	127.7	89.3	+43
Value added by manufacture:				
Unadjusted.....	...do.....	246.3	179.0	+38
Adjusted.....	...do.....	246.6	(NA)	(NA)
Capital expenditures, new.....	...do.....	18.1	20.6	-12

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.



Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOM--DC--



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,062	2244	27,601	127,714	246,279	246,645	18,128	*23,282	*178,980
20	Food and kindred products.....	232	86	7,856	28,191	72,311	75,545	6,820	6,139	46,331
24	Lumber and wood products.....	476	89	10,287	47,342	70,048	65,980	6,036	11,590	83,049
27	Printing and publishing.....	105	13	1,321	5,865	10,478	10,479	378	966	6,777
28	Chemicals and products.....	21	6	2,559	15,994	42,123	42,364	597	859	12,783
32	Stone, clay, and glass products <sup>2</sup> .....	63	16	959	4,237	9,408	9,504	750	472	2,923
34	Fabricated metal products.....	21	7	567	2,980	3,022	3,651	185	409	1,637
35	Machinery, except electrical <sup>3</sup> .....	59	9	846	5,973	8,315	8,479	524	222	1,408
39	Miscellaneous manufactures (Including Ordnance).....	27	4	405	1,203	2,159	2,151	165	271	1,167
—	Administrative and auxiliary <sup>4</sup> .....	...	...	303	1,879	...	...	...	173	...

\*Revised.

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment (s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
IDAHO, TOTAL.....	1,062	244	27,601	127,714	246,279	246,645	18,128	*23,282	*178,980
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)									
COUNTIES <sup>2</sup>									
Ada.....	130	37	2,586	11,783	19,943	21,290	2,496	1,976	13,608
Bannock.....	47	17	884	3,813	8,312	8,906	539	952	6,746
Benewah.....	49	3	472	1,789	2,635	2,605	445	514	2,956
Bingham.....	30	9	620	2,335	4,285	4,490	2,495	167	1,380
Bonner.....	62	9	1,143	5,731	7,883	7,736	662	1,210	8,154
Bonneville.....	56	17	3,155	16,542	38,629	40,158	919	957	7,313
Boundary.....	30	4	334	1,305	2,543	2,535	164	310	1,727
Cassia.....	17	4	424	1,394	2,913	2,912	759	184	1,099
Clearwater.....	66	16	1,290	5,907	9,694	8,866	648	1,354	9,600
Idaho.....	55	13	1,038	4,184	6,623	6,667	506	1,096	7,637
Jerome.....	10	4	253	941	1,812	1,744	200	279	1,497
Kootenai.....	57	17	1,523	6,757	9,471	8,121	1,174	1,759	12,443
Latah.....	56	7	873	4,264	5,161	4,826	399	965	7,198
Twin Falls.....	60	11	1,011	3,939	9,450	9,788	617	879	7,341
Valley.....	17	2	342	1,717	3,304	3,079	460	287	2,537

\*Revised.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.

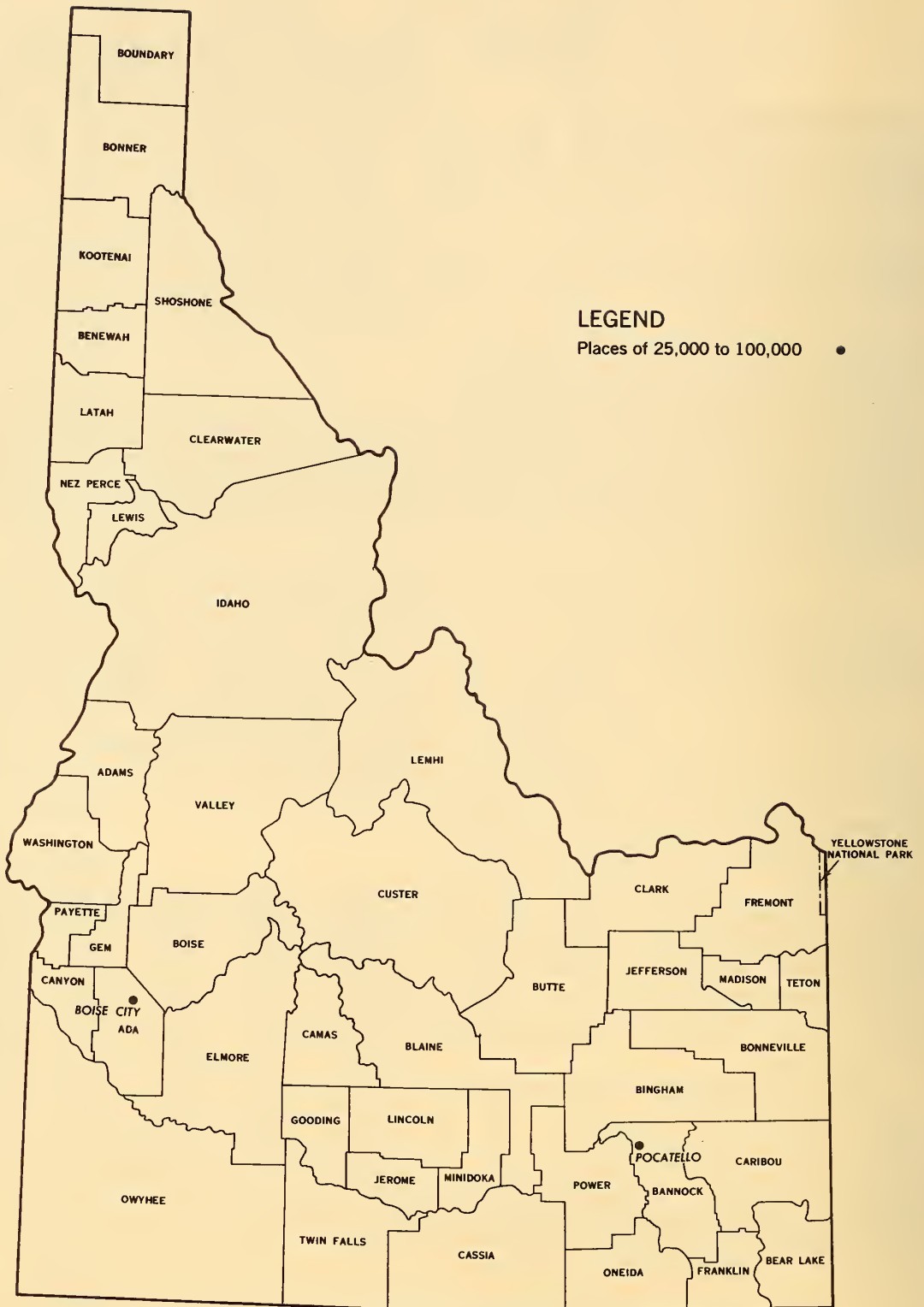
<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

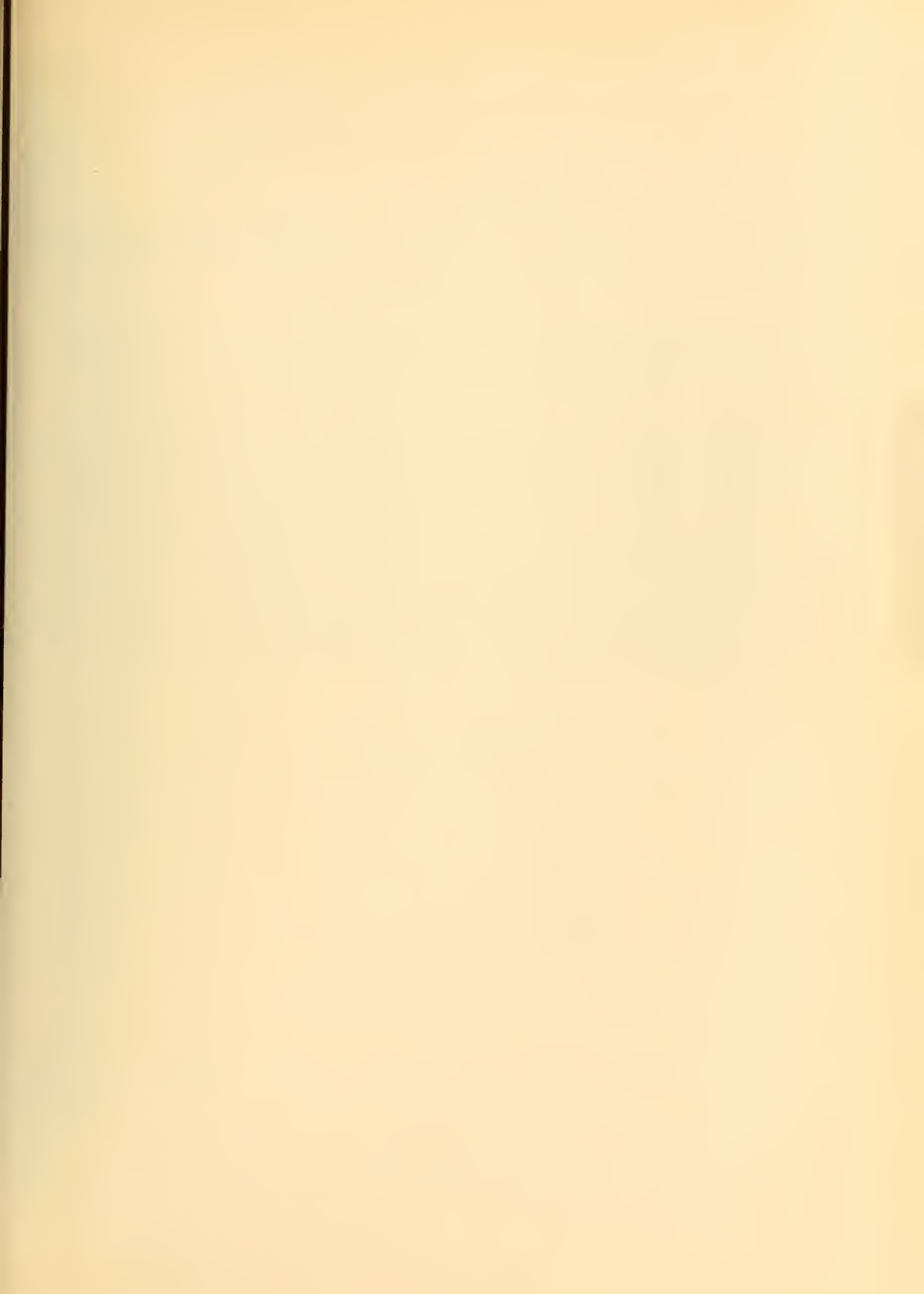
Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954)

USC&amp;A—DC

# IDAHO









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S12

### ILLINOIS

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	18,115	17,628	+3
20 or more employees.....	...do.....	6,600	6,377	+3
All employees:				
Number.....	Thousands.....	1,188.9	1,222.4	-3
Payroll.....	Million dollars	6,207.1	5,420.9	+15
Value added by manufacture:				
Unadjusted.....	...do.....	11,552.6	9,663.8	+20
Adjusted.....	...do.....	11,577.9	(NA)	(NA)
Capital expenditures, new.....	...do.....	703.0	551.7	+27

NA. Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(See text for explanation of column captions)

Code	Major Industry Group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	218,115	6,600	1,188,895	6,207,059	11,552,558	11,577,853	702,999	1,222,428	9,663,848
20	Food and kindred products.....	2,155	884	128,814	648,033	1,582,681	1,630,351	76,370	140,151	1,337,344
22	Textile mill products.....	104	55	8,367	35,121	62,458	61,366	2,146	10,080	61,885
23	Apparel and related products.....	1,004	421	44,202	147,109	244,378	246,166	3,710	50,817	232,526
24	Lumber and wood products.....	658	134	11,689	49,079	73,581	76,512	2,450	12,495	69,020
25	Furniture and fixtures.....	652	234	25,558	116,380	190,199	194,240	6,279	27,363	179,575
26	Pulp, paper and products.....	443	252	32,183	160,310	278,788	282,473	22,617	30,760	229,403
27	Printing and publishing.....	2,850	700	94,163	535,010	904,418	908,644	45,380	93,944	756,506
28	Chemicals and products.....	911	340	49,955	275,426	868,058	897,510	65,641	50,403	663,699
29	Petroleum and coal products.....	99	53	14,151	86,392	211,211	208,920	50,266	14,990	204,796
31	Leather and leather goods.....	192	90	18,893	62,295	116,089	115,960	1,875	21,871	116,627
32	Stone, clay, and glass products <sup>3</sup> .....	834	256	37,786	193,168	400,409	413,031	25,918	32,684	286,778
33	Primary metal industries.....	535	311	84,404	496,332	804,651	827,682	122,853	94,344	827,486
34	Fabricated metal products.....	2,451	931	127,257	675,251	1,173,655	1,187,061	78,129	118,663	934,353
35	Machinery, except electrical <sup>3</sup> .....	2,632	814	191,884	1,040,649	1,987,940	1,997,598	94,666	202,167	1,649,787
36	Electrical machinery.....	761	409	144,675	700,660	1,247,393	1,276,066	56,083	137,228	1,015,075
37	Transportation equipment.....	248	124	45,154	256,616	666,261	526,726	17,395	50,986	475,528
38	Instruments and related products.....	325	128	30,701	151,541	287,031	305,523	8,956	31,879	234,404
39	Miscellaneous manufactures (including Ordnance).....	1,163	420	45,329	207,341	396,702	403,495	18,457	49,577	339,335
—	Administrative and auxiliary <sup>4</sup> .....	...	...	47,389	339,612	...	...	...	45,385	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
ILLINOIS, TOTAL.....	18,115	6,600	1,188,895	6,207,059	11,552,558	11,577,853	702,999	1,222,428	9,663,848
STANDARD METROPOLITAN STATISTICAL AREAS									
Champaign-Urbana <sup>2</sup> .....	81	24	2,648	12,188	22,619	24,060	2,795	2,446	15,443
Chicago <sup>3</sup> .....	13,521	4,971	856,881	4,585,276	8,190,535	8,196,568	467,519	890,048	6,978,959
Chicago and Gary-Hammond-East Chicago <sup>4</sup> .....	13,965	5,140	955,437	5,187,966	9,470,321	9,466,331	717,074	991,906	7,961,986
Davenport-Rock Island-Moline, total <sup>5</sup> .....	388	136	35,929	198,988	365,554	375,899	21,561	36,021	282,406
Portion in Illinois.....	210	75	23,872	135,450	246,538	253,671	14,281	23,592	176,773
Portion in Iowa.....	178	61	12,057	63,538	119,016	122,228	7,280	12,429	105,633
Decatur <sup>6</sup> .....	135	65	14,032	71,684	142,011	138,781	11,838	12,217	98,784
Peoria <sup>7</sup> .....	319	123	36,339	192,003	490,055	496,023	21,217	40,953	362,496
Rockford <sup>8</sup> .....	484	186	39,216	205,532	350,909	348,746	17,020	38,194	312,770
St. Louis, total <sup>9</sup> .....	3,143	1,254	256,381	1,320,832	2,328,033	2,337,620	152,488	266,872	2,088,315
Portion in Illinois.....	459	182	54,157	295,763	548,922	555,212	67,301	56,211	502,136
Portion in Missouri.....	2,684	1,072	202,224	1,025,069	1,779,111	1,782,408	85,187	210,661	1,586,179
Springfield <sup>10</sup> .....	165	59	11,223	56,354	124,023	112,701	3,414	12,819	111,208
COUNTIES <sup>11</sup>									
Adams.....	112	45	7,236	29,132	93,431	92,288	2,814	7,092	69,749
Alexander.....	23	10	730	2,232	4,444	4,345	187	982	4,486
Bond.....	17	5	579	2,427	4,195	4,306	339	522	3,429
Boone.....	46	18	1,459	5,679	9,658	9,506	838	1,228	11,369
Bureau.....	48	13	1,451	6,118	10,999	11,312	747	1,787	13,411
Carroll.....	23	6	510	2,028	4,000	4,022	213	418	3,375
Cass.....	13	4	458	1,803	3,277	3,267	27	504	2,788
Champaign.....	81	24	2,358	10,991	22,619	24,060	2,795	2,446	15,443
Christian.....	33	15	1,519	6,533	12,627	12,974	1,045	1,630	9,254
Clay.....	14	3	541	1,573	3,659	3,670	1,026	608	2,463
Clinton.....	43	6	1,038	4,271	11,664	11,286	1,877	1,595	11,150
Coles.....	58	24	3,354	12,964	30,215	29,298	665	2,991	18,854
Cook.....	12,121	4,453	727,798	3,847,609	7,325,356	7,306,007	417,365	765,678	6,291,946
Crawford.....	26	10	1,883	8,768	32,169	31,710	2,713	1,659	22,240
De Kalb.....	33	5	5,689	27,105	49,790	50,179	3,313	6,014	43,956
Du Page.....	312	86	7,809	36,880	69,077	70,920	5,172	5,554	46,527
Edwards.....	12	3	331	735	1,020	1,001	94	138	1,935
Effingham.....	32	9	1,476	5,576	8,222	7,967	256	1,353	6,794
Fayette.....	26	4	741	1,857	3,181	3,246	369	739	2,740
Franklin.....	37	10	663	1,923	3,047	3,322	171	834	4,179
Greene.....	20	4	325	1,132	2,201	2,298	113	474	1,608
Grundy.....	31	14	2,125	10,656	23,114	22,628	667	2,039	21,224
Hamilton.....	16	2	407	624	1,128	1,150	45	313	901
Hancock.....	31	10	580	1,761	4,627	4,850	202	460	2,787
Henry.....	64	18	3,279	15,407	29,010	27,875	1,212	3,897	21,801
Iroquois.....	31	8	1,581	4,949	9,978	10,241	610	1,185	6,445
Jackson.....	32	7	1,382	3,817	6,836	7,138	155	1,966	11,059
Jasper.....	14	4	358	830	1,392	1,396	29	98	276
Jefferson.....	36	14	1,630	6,084	10,022	9,452	281	2,414	13,474
Kane.....	398	176	28,796	140,345	244,013	243,376	10,318	27,614	204,487
Kankakee.....	103	45	9,229	46,375	127,070	133,321	3,475	8,883	90,600
Kendall.....	24	12	2,594	13,609	26,380	29,876	1,127	1,323	5,778
Knox.....	59	25	6,740	30,815	55,053	52,903	3,776	5,262	40,844
Lake.....	311	106	25,805	134,660	288,737	309,678	17,582	23,857	212,407
La Salle.....	145	65	16,953	82,760	185,313	188,474	9,088	17,585	163,114
Lee.....	47	19	2,280	10,112	25,531	25,457	2,992	2,093	18,902
Livingston.....	37	19	1,978	8,222	16,532	17,227	994	1,614	11,135
Logan.....	29	10	2,031	7,320	24,767	25,268	808	1,714	18,184
McDonough.....	31	15	1,587	6,319	11,354	11,299	677	1,611	9,226
McHenry.....	168	58	8,051	37,419	84,208	83,927	4,075	6,797	55,754
McLean.....	82	27	4,333	20,118	45,999	45,035	1,336	4,534	39,925
Macomb.....	135	65	13,949	71,042	142,011	138,781	11,838	12,184	98,784
Macoupin.....	46	11	714	2,209	4,958	4,922	1,425	635	2,488

See footnotes at end of table.



Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954—Continued

(See text for explanation of column captions)

	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
ILLINOIS—Continued									
COUNTIES <sup>1-11</sup> —Continued									
Madison.....	210	87	33,257	189,696	351,411	352,948	54,911	32,825	332,077
Marion.....	44	17	2,083	6,792	12,976	13,846	290	2,245	10,495
Marshall.....	21	5	594	2,147	2,567	2,763	2,526	610	2,658
Montgomery.....	49	12	1,853	7,216	13,642	13,453	982	1,792	8,327
Morgan.....	36	10	1,520	6,268	16,418	16,711	670	1,985	16,688
Moultrie.....	13	4	571	1,662	4,087	4,179	124	573	3,106
Ogle.....	62	27	3,690	18,026	33,645	33,716	1,314	3,218	20,208
Peoria.....	240	96	14,879	83,793	174,718	180,934	10,762	14,995	155,545
Perry.....	30	11	1,505	5,243	7,541	8,331	974	883	3,956
Piatt.....	18	4	497	2,057	10,208	10,053	286	250	3,642
Pike.....	24	4	739	1,997	4,810	4,811	86	902	9,770
Randolph.....	36	15	2,429	7,330	15,473	15,771	556	2,318	14,793
Richland.....	13	5	554	1,366	2,178	2,040	71	819	3,287
Rock Island.....	210	75	22,941	126,275	246,538	253,671	14,281	22,878	176,773
St. Clair.....	249	95	20,620	104,360	197,511	202,264	12,390	22,861	170,059
Sangamon.....	165	59	11,223	56,354	124,023	112,701	3,414	12,816	111,208
Shelby.....	18	3	609	2,364	3,644	3,353	239	679	2,551
Stephenson.....	78	22	6,146	25,956	51,785	52,190	2,669	5,385	37,615
Tazewell.....	79	27	17,376	84,309	315,337	315,089	10,455	22,783	206,951
Union.....	20	6	648	1,666	3,501	3,561	126	768	3,228
Vermilion.....	134	68	10,091	46,820	91,950	94,499	6,810	9,640	73,468
Wabash.....	10	5	870	3,122	9,034	8,530	123	482	3,419
Warren.....	29	5	755	2,326	3,509	3,543	135	827	4,068
White.....	20	4	426	1,076	1,848	1,865	39	507	1,908
Whiteside.....	68	29	6,656	40,010	81,679	85,272	3,797	7,001	60,840
Will.....	211	92	17,544	88,768	179,144	182,660	13,007	19,938	167,838
Williamson.....	49	13	3,915	13,803	21,347	21,059	1,600	3,332	22,648
Winnebago.....	484	186	39,212	205,520	350,909	348,746	17,020	38,194	312,770
Woodford.....	26	7	585	2,278	4,972	4,869	621	505	2,614

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

<sup>2</sup>The Champaign-Urbana Standard Metropolitan Statistical Area consists of Champaign County, Illinois.

<sup>3</sup>The Chicago Standard Metropolitan Statistical Area consists of Cook, Du Page, Kane, Lake, McHenry, and Will Counties, Illinois.

<sup>4</sup>The data shown for 1958 represent a combination of the Chicago and the Gary-Hammond-East Chicago Standard Metropolitan Statistical Areas as they are currently defined. These two areas are the equivalent of the Chicago Standard Metropolitan Area (as formerly defined) plus the addition of McHenry County in Illinois and Porter County in Indiana. The data for these two counties are included in the 1958 totals but are not included in the 1954 aggregates. They account for only 1% of the total employment in the combined area and do not have a significant effect on the data for the area as a whole.

<sup>5</sup>The Davenport-Rock Island-Moline Standard Metropolitan Statistical Area consists of Scott County, Iowa; and Rock Island County, Illinois.

<sup>6</sup>The Decatur Standard Metropolitan Statistical Area consists of Macon County, Illinois.

<sup>7</sup>The Peoria Standard Metropolitan Statistical Area consists of Peoria and Tazewell Counties, Illinois.

<sup>8</sup>The Rockford Standard Metropolitan Statistical Area consists of Winnebago County, Illinois.

<sup>9</sup>The St. Louis Standard Metropolitan Statistical Area consists of St. Louis City and Jefferson, St. Charles, and St. Louis Counties, Missouri; and Madison and St. Clair Counties, Illinois.

<sup>10</sup>The Springfield Standard Metropolitan Statistical Area consists of Sangamon County, Illinois.

<sup>11</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954  
(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		CHICAGO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Cook, Du Page, Kane, Lake, McHenry, and Will Counties, Illinois)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 13,521	<sup>4</sup> 24,971	856,881	4,585,276	8,190,535	8,196,568	467,519	890,048	6,978,959
20	Food and kindred products.....	1,189	546	89,410	459,276	1,107,213	1,139,612	43,641	(3)	(3)
23	Apparel and related products.....	856	317	31,692	115,064	196,993	199,495	2,828		
24	Lumber and wood products.....	321	76	6,633	31,096	43,731	45,546	1,092		
25	Furniture and fixtures.....	553	193	20,771	97,182	156,789	161,652	5,079		
26	Pulp, paper and products.....	378	206	25,058	125,261	210,180	212,830	15,236		
27	Printing and publishing.....	2,131	570	79,796	468,985	795,373	798,090	37,257		
28	Chemicals and products.....	715	251	34,766	195,190	608,064	628,528	32,212		
29	Petroleum and coal products.....	70	39	6,255	36,581	84,604	87,308	16,386		
32	Stone, clay, and glass products <sup>4</sup> .....	465	157	18,811	97,136	182,220	192,528	11,119		
33	Primary metal industries.....	364	215	54,895	322,010	523,262	533,831	96,678		
34	Fabricated metal products.....	2,047	759	96,135	517,743	873,651	885,508	64,210		
35	Machinery, except electrical.....	2,009	597	116,984	653,885	1,124,136	1,108,586	50,433		
36	Electrical machinery.....	658	353	123,390	606,664	1,044,334	1,073,193	49,898		
37	Transportation equipment.....	185	92	33,818	192,406	561,242	426,919	12,186		
39	Miscellaneous manufactures (including Ordnance).....	982	362	35,014	162,178	293,552	302,166	15,685		
--	Administrative and auxiliary <sup>5</sup> .....	...	...	41,078	299,595	...	...	...		
		CHICAGO AND GARY-HAMMOND-EAST CHICAGO STANDARD METROPOLITAN STATISTICAL AREAS <sup>6</sup> (Consists of Cook, Du Page, Kane, Lake, McHenry and Will Counties Illinois; Lake and Porter Counties, Indiana)								
	ALL INDUSTRIES TOTAL <sup>1</sup> .....	<sup>2</sup> 13,965	<sup>5</sup> 25,140	955,437	5,187,966	9,470,321	9,466,331	717,074	991,906	7,961,986
20	Food and kindred products.....	1,253	565	92,848	479,730	1,159,976	1,193,635	49,299	101,689	964,249
22	Textile mill products.....	80	37	6,176	27,958	47,817	47,263	1,786	7,327	48,810
23	Apparel and related products.....	872	324	32,750	118,180	203,707	206,249	3,803	38,230	195,103
24	Lumber and wood products.....	335	80	6,849	32,036	45,195	47,188	1,139	7,752	46,929
25	Furniture and fixtures.....	565	196	21,188	98,776	159,474	164,464	6,057	22,564	150,931
26	Pulp, paper and products.....	382	210	25,523	127,786	215,962	218,750	16,216	24,108	178,456
27	Printing and publishing.....	2,180	576	81,508	478,103	810,076	812,919	38,890	81,698	677,109
28	Chemicals and products.....	748	265	38,068	215,422	716,849	737,166	46,224	37,658	516,809
29	Petroleum and coal products.....	79	46	15,161	94,771	179,628	182,359	50,747	16,703	188,490
31	Leather and leather goods.....	151	53	8,439	34,921	58,729	58,807	1,179	9,483	57,234
32	Stone, clay and glass products <sup>4</sup> .....	518	178	22,226	116,214	225,915	237,125	16,341	18,256	148,501
33	Primary metal industries.....	397	239	113,648	694,115	1,316,404	1,331,544	280,954	122,756	1,149,090
34	Fabricated metal products.....	2,105	784	104,247	565,274	957,848	960,221	66,487	95,610	750,817
35	Machinery except electrical <sup>4</sup> .....	2,060	615	119,620	668,300	1,148,988	1,133,638	52,643	124,975	1,019,306
36	Electrical machinery.....	669	355	123,646	608,085	1,046,644	1,075,360	50,015	117,632	861,969
37	Transportation equipment.....	193	99	37,477	213,582	591,080	448,644	13,475	47,138	447,681
38	Instruments and related products.....	294	116	23,985	122,782	237,785	253,748	7,265	24,810	191,407
39	Miscellaneous manufactures (including Ordnance).....	1,004	369	36,834	171,140	305,612	314,549	16,856	39,288	259,223
--	Administrative and auxiliary <sup>5</sup> .....	...	...	41,477	302,210	...	...	...	...	...

See footnotes at end of table.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		PEORIA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Peoria and Tazewell Counties, Illinois)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 319	<sup>2</sup> 123	36,339	192,003	490,055	496,023	21,217	44,953	362,496
20	Food and kindred products.....	68	34	6,587	36,379	113,577	120,671	3,151	7,621	106,184
23	Apparel and related products.....	6	3	457	1,360	1,729	1,686	18	606	2,450
24	Lumber and wood products.....	17	6	577	2,755	3,926	4,154	76	454	1,786
26	Pulp, paper and products.....	10	6	952	4,476	9,089	9,206	417	948	7,619
27	Printing and publishing.....	60	11	1,366	7,528	12,096	12,133	790	1,423	10,845
28	Chemicals and products.....	12	6	601	3,205	5,359	5,522	402	582	4,063
32	Stone, clay, and glass products <sup>4</sup> .....	21	11	499	2,235	4,269	4,270	299	373	1,744
34	Fabricated metal products.....	33	13	1,008	4,715	7,613	7,982	560	804	5,783
35	Machinery, except electrical <sup>4</sup> .....	42	15	16,511	80,645	287,265	285,413	(D)	21,585	185,791
--	Administrative and auxiliary <sup>5</sup> .....	...	...	4,084	23,901	...	...	...	3,174	...
		ST. LOUIS STANDARD METROPOLITAN STATISTICAL AREA (Consists of St. Louis City and Jefferson, St. Charles, and St. Louis Counties, Missouri; Madison and St. Clair Counties, Illinois)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 3,143	<sup>2</sup> 1,254	256,381	1,320,832	2,328,033	2,337,620	152,488	266,872	2,088,315
20	Food and Kindred products.....	407	170	30,682	166,550	339,811	348,201	17,697	}	(7) (7)
22	Textile mill products.....	23	13	2,150	6,951	10,388	10,329	154		
23	Apparel and related products.....	237	130	12,117	37,351	65,140	66,668	1,157		
24	Lumber and wood products.....	95	31	1,943	8,039	11,792	12,334	474		
25	Furniture and fixtures.....	108	42	4,655	19,519	31,957	31,866	574		
26	Pulp, paper and products.....	84	58	7,809	37,205	64,399	65,112	5,542		
27	Printing and publishing.....	472	112	13,797	74,390	112,670	113,990	3,285		
28	Chemicals and products.....	249	101	16,633	90,740	256,512	262,593	21,059		
29	Petroleum and coal products.....	27	13	7,009	43,193	99,766	96,494	30,292		
31	Leather and leather goods.....	83	54	10,131	34,771	46,811	46,565	720		
32	Stone, clay, and glass products <sup>4</sup> .....	166	60	10,129	51,826	115,808	115,388	7,651		
33	Primary metal industries.....	86	59	21,091	117,675	186,591	198,507	13,903		
34	Fabricated metal products.....	357	135	18,517	93,425	172,204	173,751	5,804		
35	Machinery, except electrical <sup>4</sup> .....	386	117	17,772	93,839	165,004	164,317	13,844		
36	Electrical machinery.....	73	41	15,347	75,300	128,814	126,756	3,693		
37	Transportation equipment.....	51	24	41,306	232,876	403,723	385,584	23,772		
38	Instruments and related products.....	41	13	1,759	8,439	13,109	14,219	542		
39	Miscellaneous manufactures (including Ordnance).....	178	72	10,553	45,141	91,228	92,469	2,100		
--	Administrative and auxiliary <sup>5</sup> .....	...	...	11,792	78,093	...	...	...		

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.<sup>2</sup> The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.<sup>3</sup> Does not include the number of administrative and auxiliary units.<sup>4</sup> Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 so that it excludes Lake County, Indiana, but includes McHenry County, Illinois.<sup>5</sup> The 1958 Census of Manufactures figures include establishments classified in Industry 3273 Ready-mixed concrete and establishments classified in Industry 3599 Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>6</sup> In addition to the employment and payroll reported for operating manufacturing establishment, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.<sup>7</sup> The data shown for 1958 represent a combination of the Chicago and the Gary-Hammond-East Chicago Standard Metropolitan Statistical Areas as they are currently defined. These two areas are the equivalent of the Chicago Standard Metropolitan Area (as formerly defined) plus the addition of McHenry County in Illinois and Porter County in Indiana. The data for these two counties are included in the 1958 totals but are not included in the 1954 aggregates. They account for only 1% of the total employment in the combined area and do not have a significant effect on the data for the area as a whole. It is not possible to show figures for most individual industries in these counties without disclosing the figures for individual companies; however, it should be noted that the major activities are concentrated in the metal and metal product industries.<sup>8</sup> Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Jefferson County in addition to the four counties and one city previously covered by this area.



# ILLINOIS









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S13

### INDIANA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	6,575	6,355	+3
20 or more employees.....	...do.....	2,445	2,344	+4
All employees:				
Number.....	Thousands.....	552.3	588.3	-6
Payroll.....	Million dollars	2,877.9	2,533.0	+14
Value added by manufacture:				
Unadjusted.....	...do.....	5,490.1	4,632.0	+19
Adjusted.....	...do.....	5,461.5	(NA)	(NA)
Capital expenditures, new.....	...do.....	490.6	301.5	+63

NA Not available.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports--\$4.00.



Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2 <sup>6</sup> ,575	2 <sup>2</sup> ,445	552,287	2,877,875	5,490,129	5,461,542	490,590	588,343	4,631,972
20	Food and kindred products.....	1,051	409	47,054	219,018	472,932	487,345	27,633	48,543	391,402
22	Textile mill products.....	14	9	1,484	5,426	11,912	12,742	343	2,701	13,608
23	Apparel and related products.....	178	99	12,754	34,754	58,289	58,739	888	15,358	60,167
24	Lumber and wood products.....	496	97	9,472	36,835	69,603	70,337	3,306	10,789	59,078
25	Furniture and fixtures.....	287	161	19,433	77,657	129,254	130,864	5,155	22,117	118,467
26	Pulp, paper and products.....	104	82	11,099	51,248	105,780	107,452	9,522	9,483	67,408
27	Printing and publishing.....	832	171	19,929	95,972	156,552	158,621	14,948	18,010	125,331
28	Chemicals and products.....	261	87	23,423	142,924	498,778	506,971	38,501	26,298	343,491
29	Petroleum and coal products.....	40	17	9,935	64,292	110,343	110,689	35,963	11,532	132,254
31	Leather and leather goods.....	25	14	2,549	8,208	15,884	15,627	266	2,156	10,762
32	Stone, clay, and glass products <sup>3</sup> .....	536	179	27,040	126,421	252,507	256,522	22,911	23,926	179,295
33	Primary metal industries.....	242	147	87,000	520,634	1,035,679	1,037,953	206,048	90,778	805,289
34	Fabricated metal products.....	682	269	42,024	215,771	375,560	368,404	15,429	40,941	299,290
35	Machinery, except electrical <sup>3</sup> .....	982	286	58,905	311,408	579,776	553,776	37,294	61,143	480,184
36	Electrical machinery.....	182	109	64,188	317,248	584,691	585,694	22,864	68,604	550,428
37	Transportation equipment.....	251	160	78,909	449,277	776,473	746,619	38,541	92,445	734,346
38	Instruments and related products.....	57	17	3,335	14,885	30,589	30,584	755	2,837	23,257
39	Miscellaneous manufactures (including Ordnance).....	302	103	15,150	74,232	116,021	113,043	7,414	20,157	126,779
—	Administrative and auxiliary <sup>4</sup> .....	...	...	6,193	42,089	...	...	...	4,552	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273-Ready-mixed concrete and establishments classified in Industry 3599-Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
INDIANA, TOTAL.....	6,575	2,445	552,287	2,877,875	5,490,129	5,461,542	490,590	588,343	4,631,972
STANDARD METROPOLITAN STATISTICAL AREAS									
Anderson <sup>2</sup> .....	154	57	23,449	123,740	214,574	214,706	6,940	25,725	206,088
Evansville <sup>3</sup> .....	271	123	27,310	130,222	286,822	277,928	13,629	34,684	251,191
Portion in Indiana.....	219	98	25,121	123,051	273,970	264,306	(D)	32,623	238,222
Portion in Kentucky.....	52	25	2,189	7,171	12,852	13,622	(D)	2,061	12,969
Fort Wayne <sup>4</sup> .....	337	127	33,807	187,063	288,184	288,606	16,531	35,187	282,154
Gary-Hammond-East Chicago <sup>5</sup> .....	444	169	98,556	602,690	1,279,786	1,269,763	249,555	101,858	980,872
Indianapolis <sup>6</sup> .....	1,097	395	96,394	532,524	962,984	956,234	65,083	103,147	844,783
Louisville <sup>7</sup> .....	871	400	87,402	439,636	1,174,156	1,164,934	50,652	88,158	845,031
Portion in Indiana.....	126	57	8,149	36,045	97,086	99,153	5,095	88,158	{ 112,632 732,398
Portion in Kentucky.....	744	342	79,060	402,364	1,075,826	1,063,247	45,242		
Muncie <sup>8</sup> .....	170	68	15,038	83,425	157,163	155,650	4,110	17,459	149,534
South Bend <sup>9</sup> .....	331	108	34,639	194,546	309,026	310,357	13,414	43,622	320,105
Terre Haute <sup>10</sup> .....	139	62	9,876	46,109	89,961	93,546	5,598	10,455	75,688
COUNTIES <sup>11</sup>									
Adams.....	46	24	2,734	12,635	24,589	25,264	1,916	2,262	19,905
Allen.....	337	127	31,433	169,588	288,184	288,606	16,531	33,012	282,154
Bartholomew.....	70	31	9,063	45,935	101,208	96,846	6,127	7,710	68,110
Blackford.....	28	11	1,694	6,837	21,950	22,648	1,137	1,565	8,860
Boone.....	39	12	1,565	7,024	17,397	16,892	667	1,668	11,093
Carroll.....	28	6	680	2,414	4,740	4,881	246	766	4,261
Cass.....	56	16	2,699	11,797	21,177	20,507	1,236	3,190	21,186

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954—Continued  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Ad-justed (\$1,000)			
Indiana--Continued									
COUNTIES <sup>12</sup> -Continued									
Clark.....	61	27	4,882	24,290	78,153	81,845	4,254	9,866	92,536
Clay.....	31	13	2,157	8,361	13,317	13,244	361	1,432	7,240
Clinton.....	37	19	1,953	8,100	13,224	13,514	658	2,124	12,288
Davless.....	26	10	1,258	4,533	8,238	7,582	191	940	5,343
Dearborn.....	37	13	3,563	17,046	55,527	57,551	2,042	4,288	52,973
Decatur.....	34	12	821	3,204	6,526	6,394	463	525	3,389
De Kalb.....	60	26	2,917	13,532	25,031	25,800	2,890	2,733	17,199
Delaware.....	170	68	15,030	83,360	157,163	155,650	4,110	17,453	149,534
Dubois.....	97	47	3,896	14,154	23,159	22,945	702	3,262	15,709
Elkhart.....	378	151	19,404	97,644	232,700	239,397	9,360	17,153	153,876
Fayette.....	33	10	4,520	21,190	31,683	24,699	979	5,830	35,678
Floyd.....	65	30	3,263	11,741	18,933	17,308	841	4,256	20,096
Fountain.....	17	8	1,795	6,759	10,941	11,303	333	968	4,880
Franklin.....	17	6	568	1,963	3,258	3,369	284	481	2,655
Fulton.....	28	10	708	2,951	7,325	7,281	262	729	5,719
Gibson.....	28	10	2,097	9,288	11,808	12,562	476	1,823	10,860
Grant.....	120	42	12,181	60,681	107,874	110,719	7,034	10,979	70,316
Greene.....	35	6	802	2,819	7,590	7,529	173	703	4,221
Hamilton.....	47	13	2,224	11,730	17,593	17,919	1,309	2,352	15,964
Hancock.....	31	8	801	2,789	4,180	4,301	(D)	552	3,825
Harrison.....	12	3	469	1,670	2,876	2,901	194	415	2,108
Hendricks.....	21	2	143	676	1,501	1,518	87	149	721
Henry.....	63	21	4,319	21,714	34,214	33,244	1,614	4,639	32,558
Howard.....	84	31	12,876	67,840	116,079	109,950	6,460	13,498	92,110
Huntington.....	68	28	3,643	16,544	24,331	24,400	1,256	3,729	22,373
Jackson.....	47	27	3,275	12,357	24,580	24,222	1,867	3,168	18,699
Jasper.....	24	5	324	1,191	2,433	2,618	90	265	1,732
Jay.....	33	17	2,879	12,265	19,924	20,031	1,979	3,131	17,245
Jennings.....	13	6	666	2,465	4,760	4,930	455	454	2,390
Johnson.....	41	17	1,829	7,719	14,719	15,294	646	2,049	14,835
Knox.....	54	17	2,504	10,073	20,697	20,790	674	2,031	13,402
Kosciusko.....	125	42	4,142	17,331	31,407	30,690	1,636	2,968	22,878
Lake.....	392	153	95,974	588,985	1,261,664	1,250,905	248,706	99,288	965,314
La Porte.....	166	78	12,967	61,860	113,490	103,632	5,087	15,921	111,083
Lawrence.....	54	19	3,729	16,587	23,349	22,996	1,208	4,939	28,780
Madison.....	154	57	23,449	123,740	214,574	214,706	6,940	25,725	206,088
Marion.....	1,097	395	95,109	523,757	962,984	956,234	65,083	102,233	844,783
Marshall.....	74	23	2,301	9,947	20,507	19,343	708	1,710	10,562
Martin.....	14	5	792	3,197	13,470	13,712	232	228	1,015
Miami.....	69	26	2,114	8,331	16,660	16,557	630	2,451	14,271
Monroe.....	61	33	5,850	24,168	60,822	61,817	3,869	6,309	51,700
Montgomery.....	43	16	3,306	16,282	25,915	26,313	2,313	2,836	19,085
Morgan.....	30	10	602	2,362	3,793	3,861	274	821	4,803
Newton.....	20	5	421	1,290	3,227	3,109	159	436	2,091
Noble.....	66	25	2,645	10,466	17,491	17,933	1,839	2,868	13,569
Perry.....	28	11	3,056	10,775	21,871	21,925	704	3,439	19,266
Porter.....	52	16	2,183	11,090	18,122	18,858	849	2,228	15,558
Putnam.....	20	7	1,373	6,584	14,787	14,813	1,364	691	6,528
Randolph.....	57	16	3,597	15,218	28,937	28,689	810	3,695	21,974
Ripley.....	34	8	1,405	7,612	15,363	15,657	986	1,522	10,203
Rush.....	30	12	1,257	5,101	8,842	9,032	1,915	1,001	8,161
St. Joseph.....	331	108	34,606	194,313	309,026	310,357	13,414	43,622	320,106
Scott.....	18	6	1,491	5,257	9,133	9,755	780	1,286	7,279
Starke.....	22	8	534	1,848	2,412	2,696	482	254	814
Steuben.....	31	5	512	2,178	5,656	5,476	1,482	565	4,459
Tippecanoe.....	90	39	8,039	43,808	85,426	83,926	12,215	8,293	67,303
Tipton.....	19	6	763	3,242	5,319	5,379	228	953	6,436
Vanderburgh.....	219	98	25,104	122,909	273,970	264,306	(D)	32,562	238,222
Vermillion.....	24	8	556	1,930	3,387	3,342	55	1,971	15,276
Vigo.....	139	62	9,825	45,858	89,961	93,546	5,598	10,419	75,688
Wabash.....	75	32	4,452	20,129	35,708	36,339	1,718	4,454	31,531
Warrick.....	24	5	378	1,185	1,937	1,999	105	339	971
Washington.....	24	10	1,168	3,579	6,695	6,846	714	1,055	4,262
Wayne.....	133	61	10,737	51,925	100,138	102,568	9,148	12,697	91,025
Wells.....	38	9	1,310	5,959	11,728	11,694	466	1,170	7,809
White.....	19	6	1,045	3,764	5,908	5,813	97	1,172	4,704
Whitley.....	34	15	2,295	9,122	17,066	16,864	2,036	1,650	9,916

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to table 2. <sup>2</sup>The Anderson Standard Metropolitan Statistical Area consists of Madison County, Indiana. <sup>3</sup>The Evansville Standard Metropolitan Statistical Area consists of Vanderburgh County, Indiana; and Henderson County, Kentucky. <sup>4</sup>The Fort Wayne Standard Metropolitan Statistical Area consists of Allen County, Indiana. <sup>5</sup>The Gary-Hammond-East Chicago Standard Metropolitan Statistical Area consists of Lake and Porter Counties, Indiana. <sup>6</sup>The Indianapolis Standard Metropolitan Statistical Area consists of Marion County, Indiana. <sup>7</sup>The Louisville Standard Metropolitan Statistical Area consists of Jefferson County, Kentucky; and Clark and Floyd Counties, Indiana. <sup>8</sup>The Muncie Standard Metropolitan Statistical Area consists of Delaware County, Indiana. <sup>9</sup>The South Bend Standard Metropolitan Statistical Area consists of St. Joseph County, Indiana. <sup>10</sup>The Terre Haute Standard Metropolitan Statistical Area consists of Vigo County, Indiana. <sup>11</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		GARY-HAMMOND-EAST CHICAGO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Lake and Porter Counties, Indiana)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2444	2169	98,556	602,690	1,279,786	1,269,763	249,555	101,858	980,872	
20	Food and kindred products.....	64	19	3,438	20,454	52,763	54,023	5,048			
23	Apparel and related products.....	16	7	1,058	3,116	6,714	6,754	84			
25	Furniture and fixtures.....	12	3	417	1,594	2,685	2,812	978			
26	Pulp, paper and products.....	4	4	465	2,525	5,782	5,920	398			
27	Printing and publishing.....	49	6	1,712	9,118	14,703	14,829	827			
28	Chemicals and products.....	33	14	3,302	20,232	108,785	108,638	14,012			
29	Petroleum and coal products.....	9	7	8,906	58,190	95,024	95,051	34,361			
32	Stone, clay, and glass products <sup>4</sup> .....	53	21	3,415	19,078	43,695	44,597	4,595			
33	Primary metal industries.....	33	24	58,753	372,105	793,142	797,713	184,276	(3)	(3)	
34	Fabricated metal products.....	58	25	8,112	47,531	84,197	74,713	2,022			
35	Machinery, except electrical <sup>4</sup> .....	51	18	2,300	12,687	24,852	25,052	689			
36	Electrical machinery.....	11	2	256	1,421	2,310	2,167	117			
37	Transportation equipment.....	8	7	3,659	21,176	29,838	21,725	1,289			
39	Miscellaneous manufactures (Including Ordnance).....	22	7	1,820	8,962	12,060	12,383	778			
--	Administrative and auxiliary <sup>5</sup> .....			399	2,615						
		INDIANAPOLIS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Marion County, Indiana)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,097	2395	96,394	532,524	962,984	956,234	65,083	103,147	844,783	
20	Food and kindred products.....	110	54	11,032	56,137	108,687	113,069	4,712	11,659	90,942	
24	Lumber and wood products.....	29	11	599	2,533	4,638	4,894	118	700	4,418	
25	Furniture and fixtures.....	35	10	916	3,828	6,717	6,843	117	1,143	7,261	
26	Pulp, paper and products.....	25	20	2,545	11,350	21,085	20,978	1,128	2,315	15,007	
27	Printing and publishing.....	187	52	5,915	30,542	49,300	50,595	3,386	5,425	41,644	
28	Chemicals and products.....	65	26	9,736	67,185	156,755	157,256	7,327	9,337	107,254	
32	Stone, clay, and glass products <sup>4</sup> .....	33	10	1,695	8,322	13,949	15,080	2,654	1,089	7,024	
33	Primary metal industries.....	29	16	3,649	19,798	34,355	33,402	1,507	3,918	30,009	
34	Fabricated metal products.....	156	62	7,171	35,570	56,116	56,686	3,212	6,891	41,753	
35	Machinery, except electrical <sup>4</sup> .....	241	63	10,819	57,796	100,892	98,140	9,828	11,480	92,305	
36	Electrical machinery.....	36	17	12,812	62,761	141,368	142,440	7,523	16,201	151,167	
37	Transportation equipment.....	39	22	23,204	141,857	222,465	208,437	21,533	25,245	213,590	
38	Instruments and related products.....	14	2	303	1,363	2,868	2,691	87	364	2,233	
--	Administrative and auxiliary <sup>5</sup> .....	...	...	1,285	8,767	...	...	...	914	...	
		LOUISVILLE STANDARD METROPOLITAN STATISTICAL AREA									
	"All manufacturing" totals for the Louisville Standard Metropolitan Statistical Area (which consists of Clark and Floyd Counties, Indiana; and Jefferson County, Kentucky) appear in table 3. Industry groups statistics for this area are shown in 1958 Census of Manufactures report for the State of Kentucky.										

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUP  
1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)			
SOUTH BEND STANDARD METROPOLITAN STATISTICAL AREA (Consists of St. Joseph County, Indiana)										
	ALL INDUSTRIES, TOTAL <sup>1, 4</sup> .....	<sup>2</sup> 331	<sup>2</sup> 108	34,639	194,546	309,026	310,357	13,414	43,622	320,105
20	Food and kindred products.....	40	18	1,686	8,596	20,765	20,098	953	1,844	16,193
23	Apparel and related products.....	10	5	918	2,496	4,827	4,879	91	1,417	7,731
24	Lumber and wood products.....	13	4	340	1,389	2,822	2,847	52	286	1,896
26	Pulp, paper and products.....	5	4	379	1,662	2,494	2,585	41	421	2,654
27	Printing and publishing.....	49	4	820	4,470	7,587	7,628	390	787	6,401
28	Chemicals and products.....	9	1	366	2,272	4,922	4,975	116	340	3,351
34	Fabricated metal products.....	46	15	1,124	6,216	8,783	11,023	263	952	5,722
35	Machinery, except electrical <sup>4</sup> .....	67	22	4,784	28,494	44,223	43,371	2,680	5,568	41,446
36	Electrical machinery.....	9	4	458	2,134	3,980	3,922	143	324	2,442
39	Miscellaneous manufactures (Including Ordnance).....	19	5	533	2,247	3,434	3,694	145	948	6,244
--	Administrative and auxiliary <sup>3</sup> .....	...	...	33	233	...	...	...	...	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

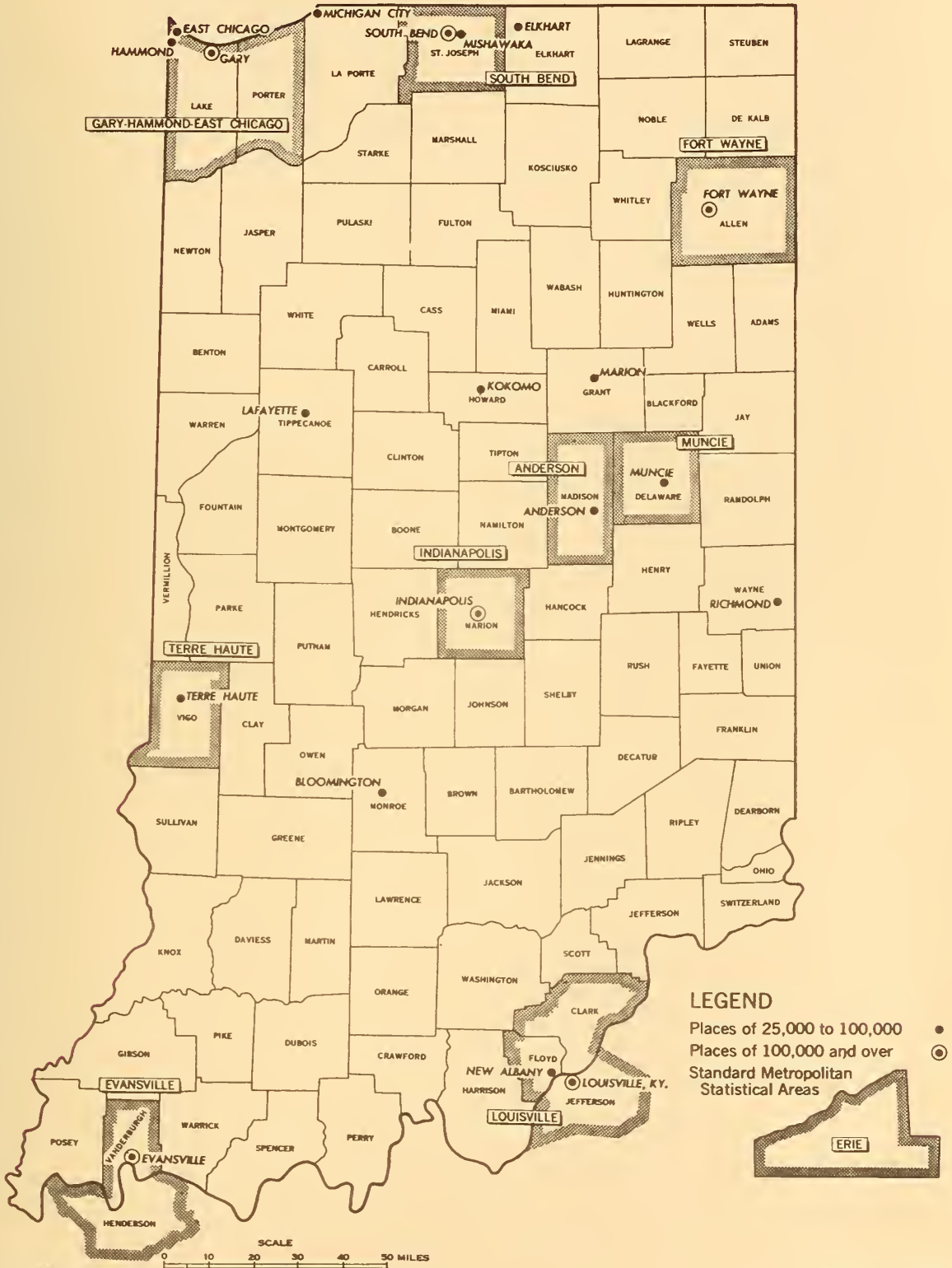
<sup>3</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release since these counties were established as a standard metropolitan statistical area in June 1959. Lake County which comprises a major portion of this area, was formerly included in the Chicago Standard Metropolitan Statistical Area. Figures for the newly defined Chicago Standard Metropolitan Statistical Area and the combination of the Chicago-Gary Standard Metropolitan Statistical Areas appear in the 1958 Census of Manufactures report for the State of Illinois.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273 - Ready-mixed concrete and establishments classified in Industry 3599 - Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.



# INDIANA











# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S14

### IOWA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	3,578	3,320	+8
20 or more employees.....	do.....	952	881	+8
All employees:				
Number.....	Thousands.....	166.4	164.0	+1
Payroll.....	Million dollars	813.5	649.1	+25
Value added by manufacture:				
Unadjusted.....	do.....	1,592.6	1,236.0	+29
Adjusted.....	do.....	1,681.3	(NA)	(NA)
Capital expenditures, new.....	do.....	100.4	73.4	+37

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



## IOWA

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Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	23,578	2952	166,443	813,463	1,592,553	1,681,328	100,449	1,235,965
20	Food and kindred products.....	1,028	286	51,874	254,326	498,425	508,724	29,977	361,180
23	Apparel and related products.....	72	43	3,913	11,281	17,487	17,959	593	12,541
24	Lumber and wood products.....	192	27	4,709	19,206	30,590	30,196	1,400	5,647
25	Furniture and fixtures.....	90	23	2,701	12,137	19,169	20,104	589	14,604
26	Pulp, paper and products.....	35	27	2,417	11,752	30,991	31,103	1,349	20,140
27	Printing and publishing.....	650	91	11,177	50,843	102,205	103,549	9,566	85,727
28	Chemicals and products.....	168	54	6,013	32,003	118,850	121,250	9,231	76,977
31	Leather and leather goods.....	10	3	290	686	963	958	28	1,893
32	Stone, clay, and glass products <sup>3</sup> .....	295	54	5,892	27,065	82,484	82,861	10,380	54,229
33	Primary metal industries.....	69	32	5,129	27,685	60,090	60,376	2,352	53,272
34	Fabricated metal products.....	212	66	6,824	33,918	68,770	70,779	3,370	49,238
35	Machinery, except electrical <sup>3</sup> .....	415	138	38,318	202,337	395,955	397,076	16,786	247,343
36	Electrical machinery.....	60	30	9,784	43,269	88,790	93,686	4,923	57,841
37	Transportation equipment.....	67	27	3,790	19,764	33,234	30,164	1,338	29,797
38	Instruments and related products.....	19	5	1,709	8,338	12,567	11,851	303	16,850
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,477	10,180	...	...	...	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
IOWA, TOTAL.....	3,578	952	166,443	813,463	1,592,553	1,681,328	100,449	1,235,965
STANDARD METROPOLITAN STATISTICAL AREAS								
Cedar Rapids <sup>2</sup> .....	200	64	19,044	98,641	213,483	216,172	9,111	150,759
Davenport, Rock Island-Moline, total <sup>3</sup> .....	388	136	35,929	198,988	365,554	375,899	21,561	282,406
Portion in Iowa.....	178	61	12,057	63,538	119,016	122,228	7,280	105,633
Portion in Illinois.....	210	75	23,872	135,450	246,538	253,671	14,281	176,773
Des Moines <sup>4</sup> .....	397	138	23,360	119,733	238,827	242,819	18,421	186,245
Dubuque <sup>5</sup> .....	124	44	10,456	55,352	92,644	93,705	5,538	73,825
Omaha <sup>6</sup> .....	569	210	33,069	160,690	293,006	314,711	35,565	213,792
Portion in Iowa.....	70	22	1,982	7,721	14,341	13,731	833	9,428
Portion in Nebraska.....	499	188	31,087	152,969	278,665	300,980	34,732	204,364
Sioux City <sup>7</sup> .....	160	62	8,267	38,282	63,377	65,322	2,239	46,794
Waterloo <sup>8</sup> .....	165	57	18,033	97,502	168,618	168,398	5,998	110,908
COUNTIES <sup>9</sup>								
Allamakee.....	26	3	368	1,386	3,337	3,345	203	953
Appanoose.....	27	6	326	966	2,041	2,074	203	1,821
Benton.....	20	4	303	956	1,896	1,987	263	1,452
Black Hawk.....	165	57	18,029	97,486	168,618	168,398	5,998	110,908
Boone.....	29	6	470	1,859	2,926	3,036	142	2,293
Bremer.....	36	5	656	2,960	5,476	5,065	2,107	6,735

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
IOWA--Continued								
COUNTIES <sup>9</sup> --Continued								
Buchanan.....	18	4	336	878	2,099	2,029	317	1,075
Carroll.....	28	10	486	1,941	4,095	3,958	679	2,239
Cass.....	22	4	549	2,142	8,302	8,614	502	2,165
Cerro Gordo.....	60	22	3,555	17,108	39,947	40,915	4,846	28,586
Cherokee.....	21	4	373	1,385	3,228	3,490	129	272
Clay.....	31	4	528	2,493	4,667	4,574	245	3,057
Clayton.....	51	6	518	1,396	3,383	3,396	374	1,341
Clinton.....	66	22	5,306	26,646	78,686	75,202	4,876	60,385
Dallas.....	36	10	571	2,279	4,256	4,763	673	4,209
Dubuque.....	124	44	10,456	55,352	92,644	93,705	5,538	73,825
Emmet.....	20	6	697	3,462	6,193	6,493	342	6,545
Fayette.....	42	9	809	2,931	6,339	6,360	377	4,324
Floyd.....	29	6	2,023	10,805	19,370	21,984	1,592	10,585
Franklin.....	24	3	348	1,259	3,745	3,634	133	2,447
Hamilton.....	30	10	1,178	4,264	10,296	10,445	204	5,244
Hardin.....	37	6	518	2,297	7,808	7,962	356	4,803
Humboldt.....	22	5	314	1,269	2,720	2,766	210	1,038
Jackson.....	25	2	1,638	7,724	11,914	11,998	613	6,475
Jasper.....	46	11	4,669	24,297	67,154	67,201	2,554	39,936
Jefferson.....	31	11	1,342	5,445	8,326	8,489	523	7,851
Johnson.....	36	8	728	3,440	24,690	25,269	306	4,364
Jones.....	26	8	354	1,369	3,203	3,223	210	1,501
Kossuth.....	30	4	297	1,185	2,646	2,844	290	1,283
Lee.....	59	25	4,940	24,025	58,254	57,276	3,255	62,973
Linn.....	200	64	18,858	97,709	213,483	216,172	9,111	150,759
Mahaska.....	33	8	1,014	3,526	5,787	5,848	281	3,595
Marion.....	27	5	920	3,539	7,935	7,871	477	4,434
Marshall.....	57	19	3,643	19,944	49,864	50,343	1,486	32,921
Muscatine.....	68	23	3,088	13,089	23,709	24,486	3,838	19,433
Plymouth.....	27	3	271	904	2,253	2,131	545	1,579
Polk.....	397	138	23,132	118,035	238,827	242,819	18,421	186,245
Pottawattamie.....	70	22	1,982	7,721	14,341	13,731	853	9,428
Sac.....	29	6	360	1,254	3,570	3,973	313	2,005
Scott.....	178	61	12,053	63,528	119,016	122,228	7,280	105,633
Story.....	48	12	985	3,360	6,873	6,585	515	3,155
Tama.....	20	3	287	1,395	3,270	3,280	157	2,895
Washington.....	28	7	472	1,683	4,490	4,607	368	3,154
Webster.....	71	28	3,900	19,419	51,640	52,720	2,530	40,271
Winnebago.....	25	4	235	779	1,228	1,279	216	950
Woodbury.....	160	62	8,267	38,282	63,377	65,322	2,239	46,794
Wright.....	25	6	458	2,014	7,997	7,971	350	2,773

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.

<sup>2</sup>The Cedar Rapids Standard Metropolitan Statistical Area consists of Linn County, Iowa.

<sup>3</sup>The Davenport-Rock Island-Moline Standard Metropolitan Statistical Area consists of Scott County, Iowa; and Rock Island County, Illinois.

<sup>4</sup>The Des Moines Standard Metropolitan Statistical Area consists of Polk County, Iowa.

<sup>5</sup>The Dubuque Standard Metropolitan Statistical Area consists of Dubuque County, Iowa.

<sup>6</sup>The Omaha Standard Metropolitan Statistical Area consists of Douglas and Sarpy Counties, Nebraska; and Pottawattamie County, Iowa.

<sup>7</sup>The Sioux City Standard Metropolitan Statistical Area consists of Woodbury County, Iowa.

<sup>8</sup>The Waterloo Standard Metropolitan Statistical Area consists of Black Hawk County, Iowa.

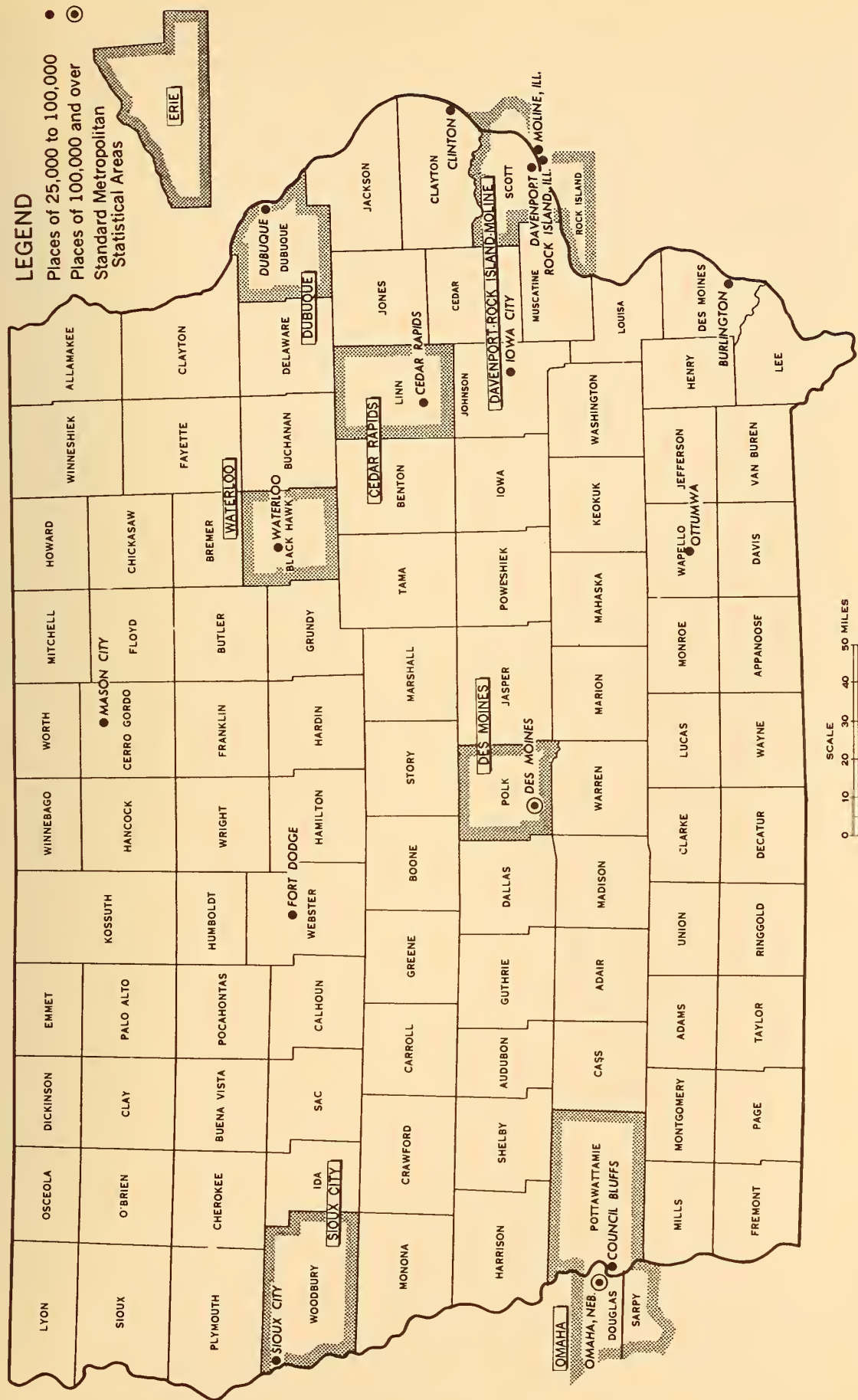
<sup>9</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954)



# IOWA







**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

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**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

February 1960

MC(P)-S15

### KANSAS

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	2,280	2,139	+7
20 or more employees.....	...do.....	645	572	+13
All employees:				
Number.....	Thousands.....	119.1	131.4	-9
Payroll.....	Million dollars	588.6	560.5	+5
Value added by manufacture:				
Unadjusted.....	...do.....	1,164.0	1,049.3	+11
Adjusted.....	...do.....	1,172.7	(NA)	(NA)
Capital expenditures, new.....	...do.....	77.7	53.0	+47

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

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This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

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Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

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#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954  
(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,280	2,645	119,063	588,594	1,163,955	1,172,682	77,657	131,432	1,049,291
20	Food and kindred products.....	589	188	21,789	99,250	208,392	210,303	11,836	23,451	173,989
23	Apparel and related products.....	66	30	2,723	7,196	12,329	12,342	265	2,406	8,593
24	Lumber and wood products.....	79	9	744	3,043	4,869	5,027	163	1,209	6,174
25	Furniture and fixtures.....	48	12	1,130	4,474	8,931	9,010	362	718	5,095
26	Pulp, paper and products.....	22	14	2,074	10,095	17,590	17,813	1,521	1,860	16,605
27	Printing and publishing.....	475	70	7,553	30,893	51,841	52,147	2,975	7,893	54,265
28	Chemicals and products.....	111	41	6,103	34,086	122,494	126,021	11,625	9,407	109,561
29	Petroleum and coal products.....	26	16	4,448	26,883	72,726	74,627	24,373	4,343	51,096
32	Stone, clay, and glass products <sup>3</sup> .....	168	52	6,088	28,350	75,579	76,074	7,385	5,296	56,053
33	Primary metal industries.....	40	19	1,880	8,165	11,537	12,154	1,345	891	5,280
34	Fabricated metal products.....	153	55	5,395	26,688	45,937	46,074	2,600	5,771	42,891
35	Machinery, except electrical <sup>3</sup> .....	292	76	9,014	41,973	74,405	72,950	4,171	8,224	62,994
37	Transportation equipment.....	75	31	44,759	245,499	396,342	397,236	2,851	54,644	413,316
38	Instruments and related products.....	9	3	270	1,131	1,839	1,890	38	121	739
39	Miscellaneous manufactures (including Ordnance).....	87	14	1,061	4,326	7,823	8,190	317	2,312	13,115
—	Administrative and auxiliary <sup>4</sup> .....	...	...	476	2,373	...	...	...	415	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas, or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

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## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
KANSAS, TOTAL.....	2,280	645	119,063	588,594	1,163,955	1,172,682	77,657	131,432	1,049,291
STANDARD METROPOLITAN STATISTICAL AREAS									
Kansas City <sup>2</sup> .....	1,626	585	102,645	523,147	1,036,626	1,054,356	61,114	117,501	1,039,592
Portion in Kansas.....	311	116	23,743	125,413	302,517	301,723	12,819	36,680	379,989
Portion in Missouri.....	1,315	469	78,902	397,734	734,109	752,633	48,295	80,821	659,603
Topeka <sup>3</sup> .....	134	39	6,118	30,086	72,482	72,806	6,261	6,174	56,929
Wichita <sup>4</sup> .....	440	126	52,566	280,043	452,462	455,279	13,052	53,260	332,703
COUNTIES <sup>5</sup>									
Allen.....	28	9	799	3,406	9,811	9,962	1,401	875	8,890
Atchison.....	30	13	1,786	7,368	11,862	12,486	1,333	1,711	16,597
Barton.....	29	7	427	1,723	3,372	3,491	410	438	2,519
Bourbon.....	30	9	759	2,567	6,343	6,495	212	689	3,431
Brown.....	10	3	283	889	1,663	1,615	309	115	852
Butler.....	30	10	1,878	10,552	23,104	22,146	(D)	1,605	17,604
Cherokee.....	20	7	1,411	6,091	19,404	19,754	325	1,622	21,309
Cloud.....	17	5	350	1,104	2,337	2,359	147	327	1,795
Cowley.....	38	17	1,787	7,656	17,907	19,097	2,645	2,002	15,154
Crawford.....	53	16	1,470	5,855	10,006	10,316	293	1,145	8,250
Dickinson.....	20	4	562	2,586	5,190	5,666	70	561	354
Douglas.....	40	13	1,742	8,149	17,695	18,416	5,451	1,172	10,903
Finney.....	26	4	273	973	2,604	2,778	312	270	982
Ford.....	37	8	724	2,526	7,362	7,245	271	539	3,508
Franklin.....	22	6	593	1,962	2,865	2,703	198	548	3,654
Harvey.....	38	14	1,219	4,991	12,383	12,488	608	471	3,276
Johnson.....	65	16	2,123	10,483	15,778	15,075	949	5,151	26,122
Labette.....	35	12	1,010	3,472	5,830	6,007	177	2,158	11,821
Leavenworth.....	30	16	1,325	5,412	11,149	11,148	658	1,201	9,260
Lyon.....	34	10	877	3,321	5,579	5,751	458	611	5,187
McPherson.....	30	15	883	4,358	9,398	10,756	3,749	576	11,059
Marion.....	14	4	342	1,290	1,414	1,986	114	247	1,781
Miami.....	11	5	387	1,660	1,861	2,148	85	420	2,333
Montgomery.....	72	29	4,576	20,879	42,642	38,988	4,745	5,262	37,186
Neosho.....	28	11	742	3,180	8,931	8,745	395	835	7,683
Reno.....	101	32	3,108	13,857	30,109	32,001	2,046	2,720	22,646
Rice.....	7	4	269	1,104	2,674	2,684	73	94	605
Riley.....	25	6	289	1,020	1,981	2,016	125	280	1,301
Saline.....	55	17	1,551	7,041	14,461	15,985	533	1,497	12,038
Sedgwick.....	440	126	52,458	279,475	452,462	455,279	13,052	53,190	332,703
Shawnee.....	134	39	5,957	29,444	72,482	72,806	6,261	6,010	56,929
Sumner.....	33	5	377	1,618	2,837	2,791	190	390	2,704
Wilson.....	25	6	849	4,238	8,925	9,431	(D)	869	5,906
Wyandotte.....	246	100	21,463	114,002	286,739	286,648	11,870	31,375	353,866

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.<sup>2</sup>The Kansas City, Missouri-Kansas Standard Metropolitan Statistical Area consists of Clay and Jackson Counties, Missouri; Johnson and Wyandotte Counties, Kansas.<sup>3</sup>The Topeka, Kansas Standard Metropolitan Statistical Area is coextensive with Shawnee County, Kansas.<sup>4</sup>The Wichita, Kansas Standard Metropolitan Statistical Area is coextensive with Sedgwick County, Kansas.<sup>5</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county in this or associated industries or areas, or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954  
(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		KANSAS CITY (MISSOURI) KANSAS CITY (KANSAS) STANDARD METROPOLITAN STATISTICAL AREA (Consists of Clay and Jackson Counties, Missouri; Johnson and Wyandotte Counties, Kansas)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,626	<sup>2</sup> 585	102,645	523,147	1,036,626	1,054,356	61,114	115,132	1,039,592	
20	Food and kindred products.....	191	101	17,331	86,734	191,156	197,429	7,077	18,819	152,218	
24	Lumber and wood products.....	43	9	988	4,179	5,932	6,082	120	980	6,372	
25	Furniture and fixtures.....	72	24	1,702	7,227	14,250	14,533	264	1,448	10,626	
26	Pulp, paper and products.....	51	35	4,209	19,049	34,470	35,020	2,634	3,485	26,036	
27	Printing and publishing.....	294	68	9,592	46,355	84,341	88,666	4,774	8,569	62,192	
28	Chemicals and products.....	122	42	5,382	31,385	109,990	113,600	5,089	9,137	101,027	
31	Leather and leather goods.....	13	6	966	2,981	4,688	4,743	94	934	4,785	
32	Stone, clay, and glass products <sup>3</sup> .....	77	28	3,815	19,263	48,991	49,510	5,522	2,948	30,159	
33	Primary metal industries.....	42	20	5,933	36,852	72,097	73,059	10,596	6,209	51,206	
34	Fabricated metal products.....	188	56	7,751	39,496	60,688	61,876	3,347	6,783	46,484	
35	Machinery, except electrical <sup>3</sup> .....	170	38	5,243	26,507	46,578	47,915	3,312	4,680	35,284	
36	Electrical machinery.....	50	25	2,774	11,218	18,902	19,754	594	4,620	26,287	
37	Transportation equipment.....	30	18	12,676	70,839	196,840	196,122	8,326	27,300	368,580	
38	Instruments and related products.....	20	7	510	2,029	3,322	3,319	75	500	2,652	
39	Miscellaneous manufactures (including Ordnance).....	102	30	10,317	57,060	65,158	62,493	6,844	6,738	36,234	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,896	17,973	...	...	...	2,921	...	
		WICHITA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Sedgwick County, Kansas)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 440	<sup>2</sup> 126	52,566	280,043	452,462	455,279	13,052	53,260	332,703	
20	Food and kindred products.....	68	32	4,009	19,477	39,917	39,512	3,443	3,630	24,241	
27	Printing and publishing.....	60	8	1,560	7,597	12,323	12,406	297	1,657	11,252	
28	Chemicals and products.....	17	6	574	3,154	8,542	9,445	3,466	361	3,991	
32	Stone, clay, and glass products <sup>3</sup> .....	32	7	424	2,181	6,158	6,500	412	200	1,622	
33	Primary metal industries.....	16	7	360	1,423	2,201	2,223	94	345	1,785	
34	Fabricated metal products.....	51	17	2,341	11,698	21,177	20,744	535	3,120	26,859	
35	Machinery, except electrical <sup>3</sup> .....	80	14	2,571	12,276	14,336	11,880	635	3,417	26,607	
37	Transportation equipment.....	39	15	39,175	215,209	332,565	337,178	1,983	39,166	228,309	
39	Miscellaneous manufactures (including Ordnance).....	26	7	351	1,501	2,403	2,376	120	238	1,380	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	108	568	...	...	...	70	...	

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas, or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

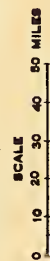
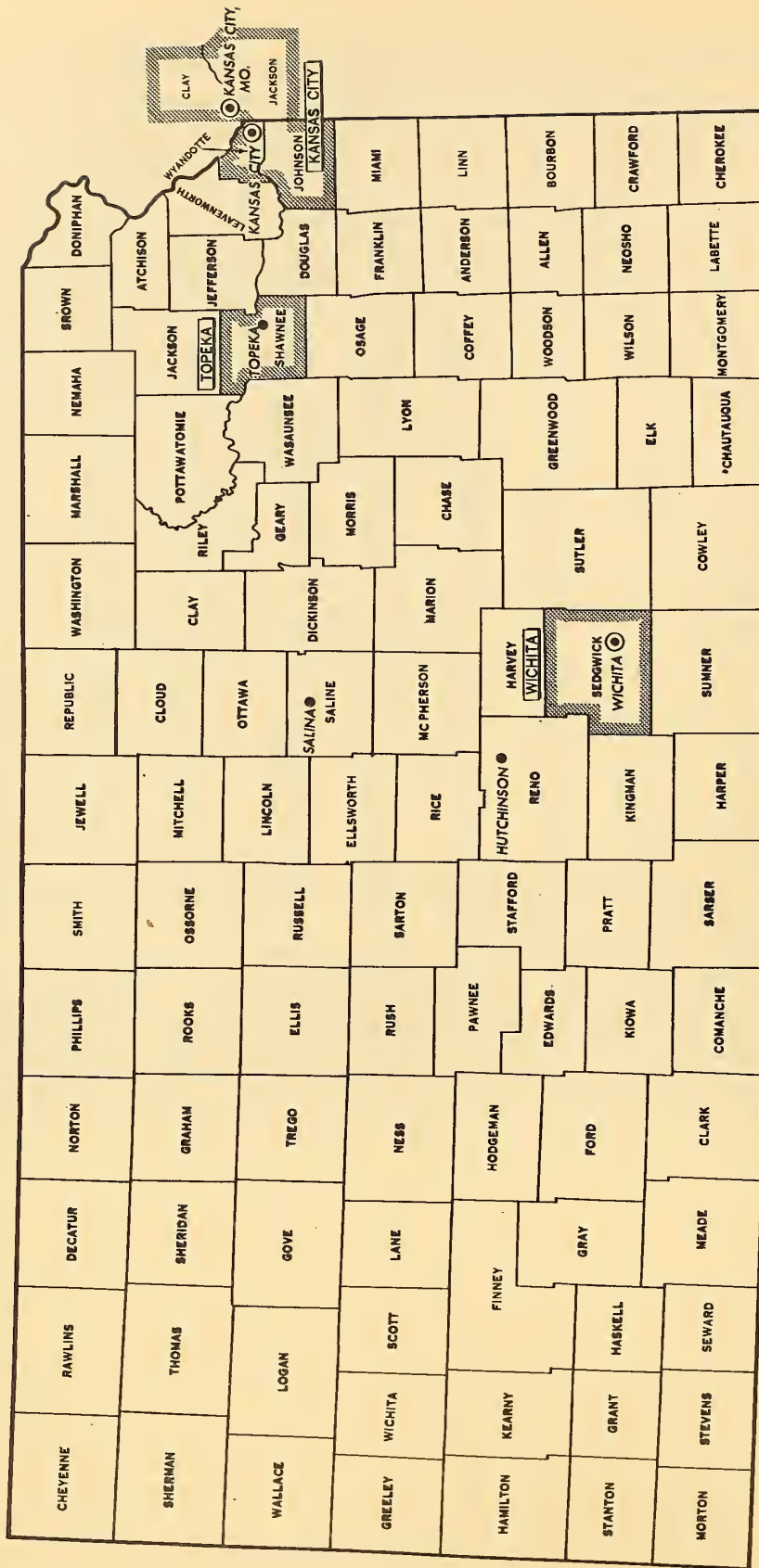
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# KANSAS



## LEGEND

- Places of 25,000 to 100,000
- ⊙ Places of 100,000 and over
- Standard Metropolitan Statistical Areas















# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S16

### KENTUCKY

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.

This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	2,864	2,651	+8
20 or more employees.....	...do.....	930	854	+9
All employees:				
Number.....	Thousands.....	163.8	151.1	+8
Payroll.....	Million dollars	727.6	553.2	+32
Value added by manufacture:				
Unadjusted.....	...do.....	1,800.4	1,236.3	+46
Adjusted.....	...do.....	1,801.2	(NA)	(NA)
Capital expenditures, new.....	...do.....	109.5	124.0	-12

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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## KENTUCKY

3

Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,864	2930	163,751	727,580	1,800,368	1,801,218	109,539	151,113	1,236,260
20	Food and kindred products.....	559	244	26,565	118,930	363,181	370,547	17,925	26,403	299,389
21	Tobacco manufactures.....	43	30	11,608	46,334	237,361	234,811	9,380	10,401	164,223
22	Textile mill products.....	19	13	2,874	8,257	12,134	11,982	958	3,690	17,310
23	Apparel and related products.....	107	83	17,939	45,914	73,707	74,372	1,179	17,013	56,661
24	Lumber and wood products.....	724	104	8,871	24,381	38,495	39,274	2,731	8,574	31,017
25	Furniture and fixtures.....	113	47	4,761	17,601	28,705	28,306	1,057	4,997	23,235
26	Pulp, paper and products.....	30	20	2,016	7,442	13,039	13,829	3,634	1,134	7,143
27	Printing and publishing.....	358	66	8,018	39,639	61,148	61,592	3,960	7,100	46,611
28	Chemicals and products.....	107	49	10,039	59,855	201,485	209,120	20,045	9,653	143,673
29	Petroleum and coal products.....	21	6	1,063	6,471	22,519	26,701	1,743	1,166	14,243
31	Leather and leather goods.....	16	10	2,282	6,512	13,530	13,335	144	2,516	12,930
32	Stone, clay, and glass products <sup>3</sup> .....	210	44	5,587	23,219	46,355	47,525	4,619	4,589	31,237
33	Primary metal industries.....	29	19	6,972	43,459	85,337	85,489	13,654	6,611	67,422
34	Fabricated metal products.....	172	74	12,679	60,533	100,541	105,896	6,620	12,824	94,354
35	Machinery, except electrical <sup>3</sup> .....	183	52	22,380	119,289	312,801	294,657	16,928	13,852	120,612
36	Electrical machinery.....	39	23	8,182	35,028	88,915	89,698	3,097	8,860	54,704
37	Transportation equipment.....	30	17	4,860	25,233	79,239	71,881	992	3,171	30,324
38	Instruments and related products.....	12	4	333	1,219	2,227	2,181	109	1,084	4,918
--	Administrative and auxiliary <sup>4</sup> .....	...	...	4,330	26,871	...	...	...	4,679	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273 - Ready-mixed concrete and establishments classified in Industry 3599 - Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)			
KENTUCKY, TOTAL.....	2,864	930	163,751	727,580	1,800,368	1,801,218	109,539	151,113	1,236,260
STANDARD METROPOLITAN STATISTICAL AREAS									
Cincinnati <sup>2</sup> .....	1,784	769	151,680	809,695	1,493,454	1,501,800	103,560	154,281	1,318,668
Portion in Kentucky.....	167	57	7,600	37,555	69,793	70,526	2,841	9,225	82,355
Portion in Ohio.....	1,617	712	144,080	772,140	1,423,661	1,431,274	100,719	145,056	1,236,313
Evansville <sup>3</sup> .....	271	123	27,310	130,222	286,822	277,928	13,629	34,684	251,191
Portion in Kentucky.....	52	25	2,189	7,171	12,852	13,622	(D)	2,061	12,969
Portion in Indiana.....	219	98	25,121	123,051	273,970	264,306	(D)	32,623	238,222
Huntington-Ashland <sup>4</sup> .....	273	106	22,829	118,170	243,060	244,252	25,632	24,722	209,703
Portion in Kentucky.....	42	15	6,211	38,799	77,259	80,434	13,296	5,501	48,327
Portion in Ohio.....	47	24	4,317	21,672	49,673	50,423	4,789	4,561	51,710
Portion in West Virginia.....	184	67	12,301	57,699	116,128	113,395	7,547	14,660	109,666
Lexington <sup>5</sup> .....	127	59	7,807	36,649	80,277	77,475	14,590	4,420	26,472
Louisville <sup>6</sup> .....	871	400	87,402	439,636	1,174,136	1,164,934	50,652	88,158	845,031
Portion in Kentucky.....	745	343	79,253	403,591	1,077,050	1,065,781	45,557	88,158	732,398
Portion in Indiana.....	126	57	8,149	36,045	97,086	99,153	5,095		112,632
COUNTIES <sup>7</sup>									
Allen.....	16	2	540	1,059	1,363	1,425	137	418	1,116
Anderson.....	13	6	537	1,817	8,388	8,480	493	276	2,601
Barren.....	25	10	1,237	2,985	7,117	7,054	357	1,128	4,064
Bell.....	33	8	650	2,206	4,542	4,603	117	737	4,210
Bourbon.....	14	5	799	2,522	4,502	4,353	186	881	3,425
Boyd.....	42	15	5,500	34,324	77,259	80,434	13,296	4,993	48,327
Boyle.....	24	12	1,564	4,903	10,806	11,042	298	1,667	7,815
Breckinridge.....	10	4	325	1,076	1,821	1,822	178	318	1,199
Caldwell.....	14	3	490	1,152	1,725	1,870	164	635	2,120
Calloway.....	25	4	973	3,669	7,604	7,704	212	914	4,169
Campbell.....	63	17	3,861	18,935	37,004	37,272	1,828	4,791	42,807
Carroll.....	8	3	401	1,383	2,764	2,492	140	500	1,816
Carter.....	18	6	748	2,851	4,974	5,136	246	1,011	4,971
Christian.....	45	17	1,906	6,084	11,346	13,282	654	1,434	6,620
Daviess.....	81	30	7,560	30,663	67,191	69,796	2,503	7,665	44,790
Estill.....	18	1	316	809	1,089	1,094	78	290	984
Fayette.....	127	59	7,736	35,767	80,277	77,475	14,590	4,317	26,472
Franklin.....	24	10	2,186	8,150	41,836	41,913	1,474	2,124	39,008
Fulton.....	15	5	581	1,497	2,542	2,552	90	492	1,504
Graves.....	41	15	2,817	7,889	13,611	13,855	290	2,756	13,733
Grayson.....	13	3	315	664	889	958	28	241	874
Greenup.....	16	3	262	1,184	2,654	2,422	311	317	2,528
Hardin.....	20	6	360	1,279	2,894	2,850	356	347	1,379
Harlan.....	25	7	447	1,448	2,280	2,452	268	410	2,092
Harrison.....	12	5	578	2,501	3,399	3,422	331	471	2,261
Henderson.....	52	25	2,189	7,171	12,852	13,622	(D)	2,061	12,969
Hopkins.....	37	9	717	1,963	3,139	3,051	296	583	2,016
Jefferson.....	745	343	75,870	382,223	1,077,050	1,065,781	45,557	70,530	732,398
Kenton.....	104	40	3,739	18,620	32,789	33,254	1,013	4,387	39,548
Laurel.....	26	5	367	1,135	2,453	2,450	108	370	1,557
Logan.....	27	13	952	2,498	5,362	5,420	534	661	2,308
McCracken.....	56	20	4,895	21,838	45,567	45,964	868	5,030	35,323
McLean.....	10	4	272	760	1,085	1,100	25	242	765
Madison.....	23	4	861	3,049	7,925	8,227	194	758	3,868
Mason.....	21	12	2,072	7,175	17,931	19,026	1,275	1,737	14,809
Mercer.....	16	3	769	2,539	6,498	6,467	209	767	4,750
Muhlenberg.....	44	5	463	1,059	2,515	2,220	197	268	1,731
Nelson.....	26	10	1,182	5,182	12,182	12,204	945	1,338	9,499
Pulaski.....	49	9	1,134	2,982	5,645	6,213	292	813	3,636
Rowan.....	24	6	572	1,586	2,799	2,882	118	523	1,845
Scott.....	11	4	479	1,404	2,689	2,597	75	315	1,366
Shelby.....	17	7	371	1,489	1,881	2,183	106	410	1,829
Taylor.....	22	6	1,606	4,554	11,769	12,192	605	1,108	6,580
Todd.....	10	4	306	657	994	1,049	15	344	769
Warren.....	44	20	2,967	9,535	23,998	24,622	615	2,633	18,146
Washington.....	7	3	395	1,062	1,562	1,681	37	398	1,281
Wayne.....	19	5	486	1,045	1,410	1,518	119	301	899

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2. <sup>2</sup>The Cincinnati Standard Metropolitan Statistical Area consists of Hamilton County, Ohio; and Campbell and Kenton Counties, Kentucky. <sup>3</sup>The Evansville Standard Metropolitan Statistical Area consists of Vanderburgh County, Indiana; and Henderson County, Kentucky. <sup>4</sup>The Huntington-Ashland Standard Metropolitan Statistical Area consists of Cabell and Wayne Counties, West Virginia; Boyd County, Kentucky; and Lawrence County, Ohio. <sup>5</sup>The Lexington Standard Metropolitan Statistical Area consists of Fayette County, Kentucky. <sup>6</sup>The Louisville Standard Metropolitan Statistical Area consists of Jefferson County, Kentucky; and Clark and Floyd Counties, Indiana. <sup>7</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



## KENTUCKY

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Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		CINCINNATI STANDARD METROPOLITAN STATISTICAL AREA								
		"All manufacturing" totals for the Cincinnati Standard Metropolitan Statistical Area (which consists of Campbell and Kenton Counties, Kentucky; Hamilton County, Ohio) appear in table 3. Industry group statistics for this area are shown in the 1958 Census of Manufactures report for the State of Ohio.								
		LOUISVILLE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Jefferson County, Kentucky; Clark and Floyd Counties, Indiana)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2871	2400	87,402	439,636	1,174,136	1,164,934	50,652	88,158	845,031
20	Food and kindred products.....	152	92	13,497	64,824	191,721	195,773	8,628	13,984	157,264
21	Tobacco manufactures.....	10	8	9,041	40,491	224,104	223,156	3,570	7,885	154,724
22	Textile mill products.....	7	5	820	2,632	3,588	3,572	73	742	3,992
23	Apparel and related products.....	20	11	2,298	6,943	7,779	7,766	164	2,341	8,207
24	Lumber and wood products.....	78	39	4,387	18,095	28,772	29,602	523	4,932	24,866
25	Furniture and fixtures.....	54	23	3,037	12,484	19,804	19,617	898	3,300	16,592
27	Printing and publishing.....	139	38	5,651	30,359	44,146	44,402	2,866	5,008	34,479
28	Chemicals and products.....	65	37	8,364	49,301	179,898	186,068	7,664	11,702	164,104
32	Stone, clay, and glass products <sup>3</sup> .....	46	17	2,527	12,282	25,931	27,634	4,971	2,085	20,484
34	Fabricated metal products.....	93	49	9,243	45,335	71,126	74,618	572	10,651	79,356
35	Machinery, except electrical <sup>3</sup> .....	90	34	17,117	92,521	254,401	236,410	10,318	11,710	102,296
--	Administrative and auxiliary <sup>4</sup> .....	...	...	3,387	21,382	...	...	...	3,886	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

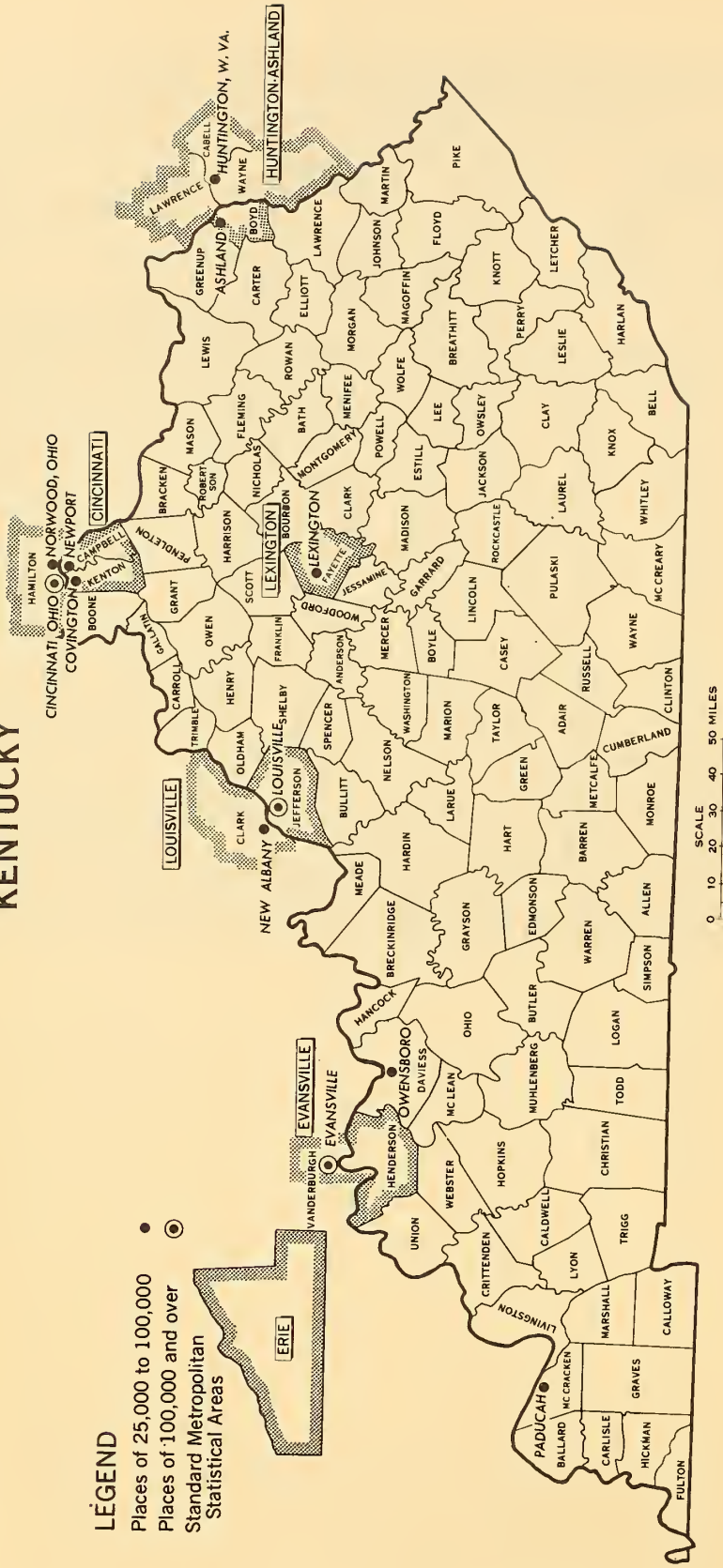
<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

# KENTUCKY

## LÉGEND

- Places of 25,000 to 100,000
- ◉ Places of 100,000 and over
- Standard Metropolitan Statistical Areas













# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S17

### LOUISIANA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Parishes.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its parishes. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	3,133	3,020	+4
20 or more employees.....	...do.....	942	897	+5
All employees:				
Number.....	Thousands.....	137.1	145.2	-6
Payroll.....	Million dollars	621.7	533.9	+16
Value added by manufacture:				
Unadjusted.....	...do.....	1,420.4	1,181.6	+20
Adjusted.....	...do.....	1,438.5	(NA)	(NA)
Capital expenditures, new.....	...do.....	164.7	174.4	-6

NA Not available.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.





Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties (parishes). An area may contain not only highly industrialized parishes but also adjoining parishes which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



## LOUISIANA

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Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 3,133	<sup>2</sup> 942	137,124	621,742	1,420,396	1,438,528	164,703	*145,244
20	Food and kindred products.....	734	315	29,816	110,349	259,210	269,067	15,209	30,734
23	Apparel and related products.....	75	37	5,567	14,292	23,260	23,275	672	6,179
24	Lumber and wood products.....	772	165	17,048	44,291	65,487	66,967	7,504	19,497
25	Furniture and fixtures.....	87	22	1,406	4,474	7,400	7,493	204	1,373
26	Pulp, paper and products.....	45	38	16,889	85,293	186,908	187,833	12,396	17,099
27	Printing and publishing.....	351	48	5,314	23,452	47,524	46,833	1,681	4,736
28	Chemicals and products.....	191	85	17,133	100,469	315,866	321,761	56,137	17,479
29	Petroleum and coal products.....	39	25	14,280	94,217	211,832	207,968	58,354	14,043
32	Stone, clay, and glass products <sup>3</sup> .....	194	56	6,324	28,998	68,844	69,422	5,218	4,824
33	Primary metal industries.....	26	11	3,529	22,226	89,836	84,389	742	3,886
34	Fabricated metal products.....	170	40	5,806	29,758	48,563	51,372	2,040	4,875
35	Machinery, except electrical <sup>3</sup> .....	200	38	3,319	15,610	24,632	26,710	1,885	2,730
37	Transportation equipment.....	108	34	6,835	33,564	48,301	48,514	1,694	9,337
--	Administrative and auxiliary <sup>4</sup> .....	...	...	572	3,373	...	...	...	*487

\*Revised.

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED PARISHES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and parishes	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
LOUISIANA, TOTAL.....	3,133	942	137,124	621,742	1,420,396	1,438,528	164,703	*145,244	1,181,649
STANDARD METROPOLITAN STATISTICAL AREAS									
Baton Rouge <sup>2</sup> .....	160	61	18,955	119,092	293,191	296,646	39,997	*18,909	254,864
New Orleans <sup>3</sup> .....	901	315	45,967	206,774	471,781	476,821	26,475	*53,556	374,873
Shreveport <sup>4</sup> .....	253	74	8,455	37,368	71,539	75,458	6,097	*8,092	65,453
PARISHES <sup>5</sup>									
Acadia.....	63	21	1,100	3,101	8,698	10,046	543	901	7,973
Allen.....	19	8	1,796	7,246	14,877	15,381	645	1,883	9,324
Ascension.....	18	7	555	1,947	2,537	2,726	130	519	1,922
Assumption.....	18	7	808	3,055	5,676	5,386	461	838	9,817
Avoyelles.....	29	6	473	1,292	3,061	3,085	222	516	2,364
Bienville.....	27	4	740	2,048	3,529	3,599	317	677	2,433
Bossier.....	45	12	900	3,137	6,724	7,047	375	702	5,922
Caddo.....	208	62	7,460	33,553	64,815	68,411	5,722	7,335	59,531
Calcasieu.....	96	37	7,933	45,408	121,523	125,290	28,644	7,468	106,851
Caldwell.....	20	1	147	273	402	428	79	132	375
De Soto.....	25	8	1,098	3,778	7,604	7,661	485	1,003	5,391
East Baton Rouge.....	160	61	18,932	118,929	293,191	296,646	39,997	18,882	254,864
Franklin.....	9	5	280	1,275	4,659	4,558	70	124	725
Iberia.....	52	21	1,587	5,509	14,597	14,615	1,850	1,043	5,451
Iberville.....	28	9	936	3,540	9,206	9,189	(D)	631	2,181
Jefferson.....	168	76	11,737	57,629	116,279	121,356	14,730	12,192	96,200
Lafayette.....	66	16	1,640	5,762	11,432	12,022	1,025	1,194	6,489
Lafourche.....	51	11	1,267	4,749	10,161	9,055	735	1,584	6,800
La Salle.....	22	8	797	2,113	4,187	4,212	308	775	2,721
Lincoln.....	32	8	582	1,550	2,465	2,509	190	463	2,185
Livingston.....	36	7	455	1,064	1,737	1,736	196	470	1,492
Madison.....	12	4	531	1,612	2,374	2,361	128	758	2,617
Natchitoches.....	35	3	262	601	1,005	978	732	336	1,360
Orleans.....	711	230	29,869	122,092	253,634	257,993	8,911	36,437	223,290
Ouachita.....	113	44	6,019	26,570	53,264	53,934	3,713	5,402	51,540
Plaquemines.....	21	13	836	2,860	9,181	9,053	680	467	2,579
Pointe Coupee.....	20	7	393	909	1,486	1,365	137	352	1,467
Rapides.....	106	35	3,860	11,946	20,664	19,633	1,271	3,523	16,994
Sabine.....	34	4	709	1,907	2,479	2,627	1,215	767	2,520
St. Bernard.....	22	9	4,106	25,431	101,868	97,472	2,834	4,683	55,383
St. Charles.....	11	7	2,656	17,156	45,601	42,050	(D)	2,098	25,029
St. Landry.....	48	12	825	2,281	3,761	4,036	332	1,002	4,737
St. Martin.....	17	4	320	758	1,268	1,275	372	368	1,315
St. Mary.....	63	20	1,425	5,814	17,042	19,449	1,700	1,800	12,758
St. Tammany.....	51	9	956	3,218	4,775	5,050	474	907	3,812
Tangipahoa.....	84	24	2,282	6,219	11,737	11,923	501	2,242	8,534
Terrebonne.....	56	16	1,345	4,487	8,607	9,152	580	1,875	8,218
Union.....	48	4	362	780	1,500	1,478	188	330	1,126
Vermilion.....	28	8	541	1,472	2,626	2,947	353	693	6,233
Webster.....	62	15	3,762	17,220	43,934	46,752	2,933	6,314	50,038
West Feliciana.....	7	4	481	1,257	2,484	2,535	114	496	1,005
Winn.....	38	6	802	2,216	4,719	4,667	362	759	3,264

\*Revised.

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>2</sup> The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the Parish totals. For a definition of these units see Footnote 4 to Table 2.<sup>3</sup> The Baton Rouge Standard Metropolitan Statistical Area consists of East Baton Rouge Parish, Louisiana.<sup>4</sup> The New Orleans Standard Metropolitan Statistical Area consists of Jefferson, Orleans, and St. Bernard Parishes, Louisiana.<sup>5</sup> The Shreveport Standard Metropolitan Statistical Area consists of Bossier and Caddo Parishes, Louisiana.<sup>6</sup> The sum of the parish figures will not equal the figures shown for the State because data for some parishes were withheld from publication in order to (a) avoid disclosing figures for individual companies within the parish or associated areas or, (b) permit further checking of the figures for the smaller parishes. Additional publishable detail will appear in the final report for this State.

## LOUISIANA

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEW ORLEANS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Jefferson, Orleans, and St. Bernard Parishes, Louisiana)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 901	<sup>2</sup> 315	45,967	206,774	471,781	476,821	26,475	*53,556	374,874
20	Food and kindred products.....	214	103	12,836	52,146	131,680	137,417	6,394	13,283	107,035
22	Textile mill products.....	6	4	450	1,620	5,307	5,577	184	2,367	12,260
23	Apparel and related products.....	55	27	4,476	11,821	19,965	19,929	481	5,167	17,925
25	Furniture and fixtures.....	34	13	699	2,343	3,403	3,473	121	672	3,003
26	Pulp, paper and products.....	17	13	3,447	15,637	38,085	40,131	721	3,664	34,647
27	Printing and publishing.....	141	18	2,347	11,466	23,544	22,646	458	2,473	18,869
28	Chemicals and products.....	71	17	2,004	10,554	24,561	23,051	10,396	2,963	14,591
32	Stone, clay, and glass products <sup>3</sup> .....	50	24	2,869	13,626	37,067	36,870	1,657	2,821	24,969
34	Fabricated metal products.....	86	23	3,228	17,445	31,552	33,781	1,087	3,252	24,265
35	Machinery, except electrical <sup>3</sup> .....	54	14	1,015	5,233	7,706	8,257	328	1,167	6,046
37	Transportation equipment.....	46	19	5,335	27,213	37,640	37,321	1,300	7,781	40,042
39	Miscellaneous manufactures (including Ordnance).....	46	7	908	3,393	5,633	6,135	264	945	5,059
--	Administrative and auxiliary <sup>4</sup> .....	...	...	255	1,622	...	...	...	*243	...

\*Revised.

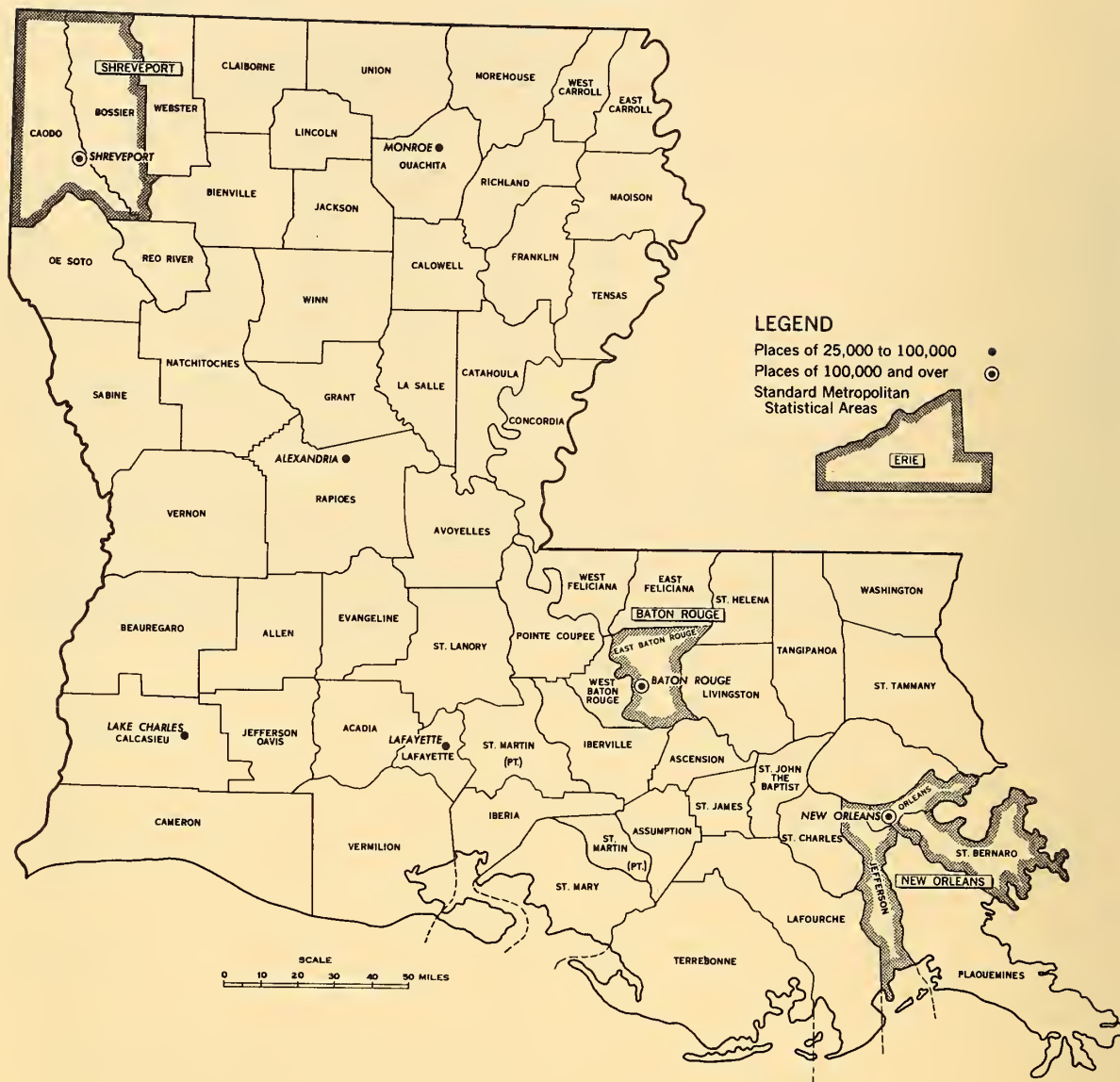
<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

## LOUISIANA















# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

January 1960

MC(P)-S18

### MAINE

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	2,742	3,015	-9
20 or more employees.....	...do.....	580	628	-8
All employees:				
Number.....	Thousands.....	98.3	104.5	-6
Payroll.....	Million dollars	376.5	325.0	+16
Value added by manufacture:				
Unadjusted.....	...do.....	643.3	565.3	+14
Adjusted.....	...do.....	648.8	(NA)	...
Capital expenditures, new.....	...do.....	43.7	58.9	-26

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication were available for the States and the larger standard metropolitan statistical areas.

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company records permitted such a separation and if the separate activities are substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration)

paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(Figures are based on the unrevised (1945) edition of the Standard Industrial Classification Manual. See text for explanation of column captions.)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,742	580	98,264	376,465	643,260	648,835	43,685	104,507	565,260
20	Food and kindred products.....	383	121	11,797	37,610	84,242	87,220	4,630	10,955	62,237
22	Textile mill products.....	77	58	13,884	44,062	70,837	66,383	2,006	19,241	92,854
23	Apparel and related products.....	42	22	3,108	8,601	15,940	15,453	153	2,922	13,226
24	Lumber and wood products.....	1,520	136	12,926	38,579	53,128	58,635	5,915	17,622	63,470
25	Furniture and fixtures.....	35	10	827	2,821	4,687	4,794	374	724	2,985
26	Pulp, paper and products.....	44	33	17,019	98,305	186,751	188,057	22,226	17,622	36,470
28	Chemicals and products.....	40	10	813	3,058	9,512	8,848	889	576	4,893
31	Leather and leather goods.....	114	82	21,431	68,079	99,855	100,457	1,546	19,754	78,431
32	Stone, clay, and glass products.....	54	15	1,070	4,327	9,795	10,202	728	786	6,389
34	Fabricated metal products.....	51	16	1,610	7,858	13,825	14,113	608	2,450	15,939
35	Machinery, except electrical.....	73	15	3,364	17,121	19,404	18,050	1,197	3,556	17,445
37	Transportation equipment.....	80	16	4,765	23,398	32,645	40,585	1,041	3,758	27,474
--	Administrative and auxiliary <sup>2</sup> .....	...	...	473	3,476	...	...	...	482	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include administrative and auxiliary units.

<sup>3</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns reported separately for central administrative offices or auxiliary units which serve the manufacturing establishments of a company (e.g., storage warehouses, power plants, research laboratories, garages, and repair shops). Separate reports of central offices and auxiliaries were obtained if at a different general location from the establishment served or if they service more than one manufacturing establishment. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MAINE, TOTAL <sup>2</sup> .....	2,742	580	98,264	376,465	643,260	648,835	43,685	104,507	565,260
STANDARD METROPOLITAN STATISTICAL AREAS									
Lewiston-Auburn <sup>3</sup> .....	190	67	13,122	42,092	64,138	67,733	2,261	(NA)	(NA)
Portland <sup>4</sup> .....	211	86	12,190	52,791	102,863	102,894	6,468	13,161	87,386
COUNTIES									
Androscoggin.....	233	75	15,166	48,914	72,505	76,186	2,826	15,240	71,728
Aroostook.....	231	33	3,631	13,326	27,540	37,932	1,782	3,028	21,479
Cumberland.....	360	102	14,896	60,814	118,013	118,166	7,122	16,313	99,252
Franklin.....	153	23	3,361	11,526	18,136	17,805	3,094	3,438	15,037
Hancock.....	117	14	1,736	6,951	10,937	11,012	2,162	2,155	12,906
Kennebec.....	171	45	10,448	38,153	71,623	71,702	2,499	11,136	58,676
Knox.....	99	24	2,340	7,840	15,003	15,375	743	2,688	14,175
Lincoln.....	66	9	915	2,796	6,520	6,018	288	800	4,203
Oxford.....	231	40	6,991	38,494	46,177	46,390	5,383	7,524	38,940
Penobscot.....	301	61	11,530	48,170	100,743	94,645	9,878	12,040	72,119
Piscataquis.....	106	16	2,015	6,106	10,097	9,792	1,207	2,032	7,414
Sagadahoc.....	32	11	4,257	20,921	34,114	34,140	839	3,947	31,881
Somerset.....	132	34	5,569	18,311	27,307	27,627	1,417	6,037	24,911
Waldo.....	90	19	1,944	5,929	12,660	13,859	1,007	1,595	8,169
Washington.....	159	30	2,863	8,863	23,065	22,355	1,006	3,036	18,138
York.....	194	43	10,030	35,409	49,457	44,746	2,235	13,007	66,227

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 3 to table 2.

<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because there were 17 small establishments with total employment of approximately 200 for which the correct county code was not available in time for this report. The county figures will be corrected for the final State reports.

<sup>3</sup>The Lewiston-Auburn Standard Metropolitan Statistical Area consists of Auburn and Lewiston Cities; and Lisbon Town in Androscoggin County, Maine.

<sup>4</sup>The Portland (Maine) Standard Metropolitan Statistical Area consists of Portland, South Portland and Westbrook cities; and Cape Elizabeth and Falmouth Towns in Cumberland County, Maine.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(The State of Maine contains no standard metropolitan statistical areas with 40,000 or more manufacturing employees)





U. S. DEPARTMENT OF COMMERCE  
BUREAU OF THE CENSUS  
WASHINGTON 25, D. C.

FOR RELEASE: February 9, 1960

SERIES: MC(P)-S18

ERRATA SHEET

1958 CENSUS OF MANUFACTURES

MAINE

The following correction should be made in the 1958 Census of Manufactures report for the State of Maine which was released during the first half of January 1960.

Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUP:  
1958 and 1954

Code	Major industry group	1954	
		All employees, number	Value added by manufacture, unadjusted (\$1,000)
26	Pulp, paper and products.....	AS PUBLISHED	
		17,622	34,470
		AS REVISED	
26	Pulp, paper and products.....	17,398	150,690









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S19

### MARYLAND

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	3,431	3,253	+5
20 or more employees.....	..do.....	1,334	1,279	+4
All employees:				
Number.....	Thousands.....	259.2	255.5	+1
Payroll.....	Million dollars	1,254.8	1,002.1	+25
Value added by manufacture:				
Unadjusted.....	..do.....	2,347.2	1,888.6	+24
Adjusted.....	..do.....	2,361.2	(NA)	(NA)
Capital expenditures, new.....	..do.....	120.3	93.8	+28

NA Not available.

U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director



For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
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Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

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#### STANDARD METROPOLITAN STATISTICAL AREAS

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Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2 <sup>3</sup> ,431	2 <sup>1</sup> ,334	259,205	1,254,813	2,347,211	2,361,177	120,270	255,452	1,888,585
20	Food and kindred products.....	665	320	35,500	140,535	311,056	320,493	14,073	37,755	246,709
22	Textile mill products.....	40	26	3,984	13,432	21,640	21,564	726	4,135	18,537
23	Apparel and related products.....	352	201	21,899	67,388	118,594	119,382	1,739	24,043	105,151
24	Lumber and wood products.....	370	68	5,154	15,614	23,732	24,405	1,452	4,854	21,180
25	Furniture and fixtures.....	124	48	4,827	17,255	29,663	30,182	557	4,299	22,696
26	Pulp, paper and products.....	63	47	8,938	44,125	72,342	74,132	15,419	7,642	53,569
27	Printing and publishing.....	438	102	12,072	58,646	98,635	99,328	3,286	10,719	74,194
28	Chemicals and products.....	204	95	12,953	61,442	192,930	194,105	13,052	12,724	146,634
29	Petroleum and coal products.....	28	12	1,264	7,127	19,194	19,251	1,730	2,373	26,215
30	Rubber products.....	17	15	6,965	31,235	60,536	62,428	5,160	6,280	43,150
31	Leather and leather goods.....	21	16	2,474	7,542	10,250	10,335	132	2,623	10,163
32	Stone, clay, and glass products <sup>3</sup> .....	201	67	8,505	41,290	91,543	93,492	6,441	7,080	58,304
33	Primary metal industries.....	45	25	35,883	209,201	430,639	428,033	22,600	33,083	347,683
34	Fabricated metal products.....	267	99	15,134	77,255	137,872	142,843	6,188	17,137	141,344
35	Machinery, except electrical <sup>3</sup> .....	216	59	10,754	54,214	104,728	105,680	4,859	11,421	76,078
36	Electrical machinery.....	67	33	15,642	91,622	142,875	143,923	5,439	12,929	100,909
37	Transportation equipment.....	126	40	43,734	245,425	389,891	380,069	12,359	41,262	324,047
38	Instruments and related products.....	39	10	1,978	9,509	14,714	15,012	2,195	1,592	9,952
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,188	13,419	...	...	...	2,308	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishments(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MARYLAND, TOTAL.....	3,431	1,334	259,205	1,254,813	2,347,211	2,361,177	120,270	255,452	1,888,585
STANDARD METROPOLITAN STATISTICAL AREAS									
Baltimore <sup>2</sup> .....	2,109	866	197,941	1,011,483	1,932,691	1,945,920	84,751	196,138	1,575,794
Washington (D.C.), total <sup>3</sup> .....	998	285	35,431	181,956	302,892	314,939	20,038	*30,715	223,472
Portion in Maryland.....	325	82	9,103	43,576	73,653	80,195	4,317	7,435	48,472
Portion in District of Columbia.....	508	145	21,242	113,505	193,144	197,642	14,207	*20,706	157,213
Portion in Virginia.....	165	58	5,086	24,875	36,095	37,102	1,514	2,574	17,787
COUNTIES <sup>4</sup>									
Allegany.....	80	26	9,309	47,945	93,648	93,111	18,121	8,640	68,891
Anne Arundel.....	122	27	8,323	50,218	77,874	78,170	3,207	5,615	33,195
Baltimore City <sup>5</sup> .....	1,619	695	112,092	528,627	1,045,866	1,059,401	44,129	117,583	895,669
Baltimore.....	249	100	69,869	401,308	761,382	756,845	36,122	65,489	618,604
Caroline.....	52	23	1,887	5,217	10,392	10,140	257	1,989	7,716
Carroll.....	85	33	4,723	16,098	38,142	41,909	745	4,946	24,837
Cecil.....	59	23	2,165	8,702	16,348	15,448	1,530	3,054	15,088
Dorchester.....	93	34	3,643	9,570	21,752	21,816	905	3,965	11,670
Frederick.....	76	34	4,154	13,369	25,788	27,762	865	3,976	17,630
Garrett.....	34	6	505	1,258	1,904	1,791	112	314	907
Harford.....	60	21	3,216	11,827	24,602	25,507	1,790	2,304	10,754
Howard.....	34	11	1,032	4,097	9,427	9,595	548	614	3,484
Kent.....	25	7	817	2,159	3,433	3,516	156	592	2,087
Montgomery.....	161	40	3,925	17,910	32,086	33,964	1,245	3,146	21,224
Prince Georges.....	164	42	5,133	25,406	41,567	46,231	3,072	4,254	27,248
Talbot.....	56	23	1,475	3,759	6,423	6,561	318	1,338	4,053
Washington.....	122	62	13,295	63,394	70,961	61,508	3,591	14,637	78,279
Wicomico.....	105	52	5,925	16,776	35,404	36,006	2,160	5,508	24,313
Worcester.....	59	23	2,371	6,589	19,547	20,321	391	2,123	12,103

\* Revised.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.<sup>2</sup>The Baltimore Standard Metropolitan Statistical Area consists of Baltimore City; Anne Arundel, Baltimore, Carroll, and Howard Counties, Maryland.<sup>3</sup>The Washington, D.C., Standard Metropolitan Statistical Area consists of the District of Columbia; Alexandria and Falls Church Cities and Arlington and Fairfax Counties, Virginia; Montgomery and Prince Georges Counties, Maryland.<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.<sup>5</sup>Independent city.



Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
BALTIMORE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Baltimore City and Anne Arundel, Baltimore, Carroll, and Howard Counties, Maryland)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,109	2,866	197,941	1,011,483	1,932,691	1,945,920	84,751	196,138	1,575,794
20	Food and kindred products.....	325	154	22,335	103,301	226,951	235,654	9,219	(3)	(3)
22	Textile mill products.....	22	11	2,999	10,458	15,726	15,343	526		
23	Apparel and related products.....	282	146	15,794	52,509	94,887	95,389	1,395		
24	Lumber and wood products.....	118	34	2,003	7,042	10,245	10,688	477		
25	Furniture and fixtures.....	87	37	4,024	14,217	25,669	25,563	455		
26	Pulp, paper and products.....	56	42	6,680	30,858	54,312	55,985	3,228		
27	Printing and publishing.....	302	81	9,662	48,217	75,058	75,511	2,197		
28	Chemicals and products.....	150	72	8,937	44,522	152,029	154,684	11,016		
29	Petroleum and coal products.....	17	8	857	5,031	11,806	11,668	1,515		
30	Rubber products.....	10	9	2,553	10,117	17,887	18,665	723		
31	Leather and leather goods.....	13	9	1,554	4,833	6,938	7,021	73		
32	Stone, clay, and glass products <sup>4</sup> .....	91	36	5,632	27,906	63,531	63,921	2,879		
33	Primary metal industries.....	35	20	35,559	207,946	429,094	426,258	22,557	(3)	(3)
34	Fabricated metal products.....	197	78	12,846	66,903	119,830	123,055	5,525		
35	Machinery, except electrical <sup>5</sup> .....	172	49	8,466	43,814	84,851	85,409	4,338		
36	Electrical machinery.....	37	17	13,041	79,291	125,817	123,183	4,299		
37	Transportation equipment.....	77	24	34,548	195,858	345,268	344,809	9,770		
38	Instruments and related products.....	20	3	1,048	5,451	7,737	7,698	(D)		
--	Administrative and auxiliary <sup>5</sup> .....	...	...	1,902	11,135	...	...	...		

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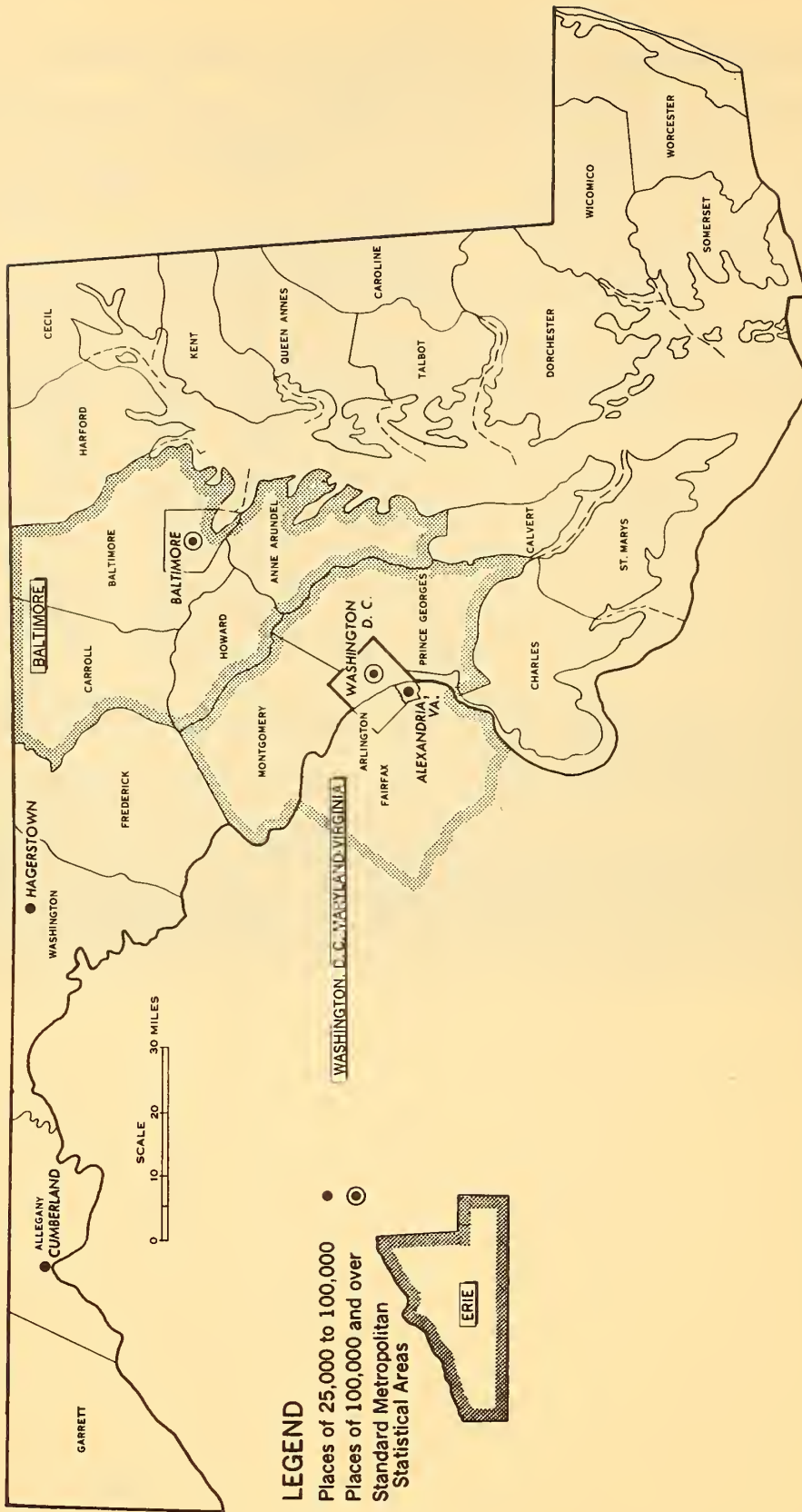
<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release. The definition of the standard metropolitan statistical area has been revised since 1954 to include Carroll and Howard Counties in addition to the independent city and two counties previously included in this area.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

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# MARYLAND



## LEGEND

- Places of 25,000 to 100,000
  - ⊙ Places of 100,000 and over
- Standard Metropolitan Statistical Areas













# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S20

### MASSACHUSETTS

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	11,415	11,205	+2
20 or more employees.....	...do.....	4,374	4,229	+3
All employees:				
Number.....	Thousands.....	678.9	685.6	-1
Payroll.....	Million dollars	3,035.7	2,575.9	+18
Value added by manufacture:				
Unadjusted.....	...do.....	5,093.0	4,356.5	+17
Adjusted.....	...do.....	5,099.3	(NA)	(NA)
Capital expenditures, new.....	...do.....	225.1	180.7	+25

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

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USCOMM--DC--



Table 2.--GENERAL STATISTICS FOR THE STATE BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL .....	11,415	14,374	678,910	3,035,745	5,093,000	5,099,271	225,076	685,647	4,356,462
20	Food and kindred products.....	1,332	428	48,149	204,117	381,334	400,689	19,617	48,658	313,433
21	Tobacco manufactures.....	12	2	274	740	1,556	1,531	2	350	1,971
22	Textile mill products.....	534	327	53,876	200,275	335,598	324,446	11,727	70,031	357,659
23	Apparel and related products.....	1,247	675	59,181	177,141	289,654	291,128	6,407	58,897	244,050
24	Lumber and wood products.....	442	74	5,800	22,929	35,133	35,770	1,036	6,000	28,659
25	Furniture and fixtures.....	403	144	11,078	43,672	70,069	70,120	1,799	12,780	70,721
26	Pulp, paper and products.....	373	236	34,956	163,342	283,540	288,366	16,790	34,321	237,037
27	Printing and publishing.....	1,266	288	37,026	182,494	314,768	317,667	23,294	36,360	241,912
28	Chemicals and products.....	470	142	16,110	86,349	229,311	228,937	17,173	15,587	186,543
29	Petroleum and coal products.....	41	13	1,586	9,306	19,268	18,495	1,209	1,588	18,825
30	Rubber products.....	101	61	23,560	114,396	204,605	209,080	7,165	24,634	185,373
31	Leather and leather goods.....	746	404	60,684	211,938	331,329	336,402	6,628	65,568	296,637
32	Stone, clay, and glass products <sup>2</sup> .....	331	88	11,057	59,287	109,623	107,757	12,213	10,399	76,191
33	Primary metal industries.....	243	116	18,878	101,567	155,927	157,028	8,462	19,464	143,736
34	Fabricated metal products.....	1,035	355	38,367	180,675	328,457	332,593	12,947	35,934	265,977
35	Machinery, except electrical <sup>2</sup> .....	1,310	378	72,228	375,215	625,834	608,617	23,087	76,363	537,458
36	Electrical machinery.....	407	200	74,713	345,164	631,112	612,041	26,331	74,928	551,156
37	Transportation equipment.....	168	59	25,411	150,452	238,919	225,783	7,040	23,599	216,744
38	Instruments and related products.....	175	78	21,111	100,968	189,167	213,341	11,759	17,948	130,113
39	Miscellaneous manufactures (including Ordnance).....	779	306	45,626	194,523	317,796	319,480	10,390	43,723	252,258
--	Administrative and auxiliary <sup>3</sup> .....	...	...	19,239	111,195	...	...	...	8,507	...

<sup>1</sup>Does not include the number of administrative and auxiliary units.<sup>2</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>3</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MASSACHUSETTS, TOTAL.....	11,415	4,374	678,910	3,035,745	5,093,000	5,099,271	225,076	685,647	4,356,462
STANDARD METROPOLITAN STATISTICAL AREAS									
Boston <sup>2</sup> .....	5,627	2,025	298,085	1,419,598	2,377,783	2,408,547	99,659	(3)	(3)
Brockton <sup>3</sup> .....	357	138	16,343	60,092	98,702	99,466	2,735	(3)	(3)
Fall River <sup>4</sup> .....	342	176	23,437	74,156	110,834	109,542	4,515	27,005	111,675
Fitchburg-Leominster <sup>5</sup> .....	224	114	16,637	73,012	123,838	124,272	9,085	(NA)	(NA)
Lawrence-Haverhill <sup>6</sup> .....	465	*204	36,378	149,214	248,487	244,345	15,105	(3)	(3)
Lowell <sup>7</sup> .....	262	127	21,529	80,192	131,054	130,829	4,234	(3)	(3)
New Bedford <sup>9</sup> .....	308	156	26,553	91,122	158,145	148,254	4,993	(3)	(3)
Pittsfield <sup>10</sup> .....	100	44	14,207	83,854	150,613	146,884	4,531	15,625	139,958
Providence <sup>11</sup> .....	2,908	1,000	128,534	514,088	851,767	853,145	33,597	(3)	(3)
Springfield-Holyoke <sup>12</sup> .....	949	384	71,631	342,443	591,446	593,659	26,839	(3)	(3)
Worcester <sup>13</sup> .....	777	311	50,593	239,184	377,229	374,813	22,107	(3)	(3)
COUNTIES <sup>14</sup>									
Berkshire.....	217	74	21,667	114,431	201,553	196,460	6,447	25,843	197,757
Bristol.....	1,092	521	74,215	267,070	441,373	434,197	15,558	78,378	378,243
Essex.....	1,375	502	88,196	398,107	704,459	694,732	30,875	87,651	562,972
Franklin.....	122	35	5,906	25,791	51,574	49,528	1,670	7,034	47,634
Hampden.....	885	355	63,843	303,177	545,496	540,527	24,036	68,406	472,215
Hampshire.....	174	55	8,509	36,785	68,654	73,733	3,537	9,706	58,903
Middlesex.....	2,233	890	140,803	640,571	1,085,848	1,108,443	46,778	133,754	922,611
Norfolk.....	657	225	44,657	214,056	368,375	370,017	15,767	36,040	248,205
Plymouth.....	511	179	19,591	73,422	131,479	132,819	3,687	21,617	115,734
Suffolk.....	2,578	905	92,370	410,984	769,195	783,066	36,353	101,706	674,748
Worcester.....	1,466	621	99,095	437,063	717,309	710,766	39,284	106,030	672,125

\*Revised.

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

<sup>2</sup>The Boston Standard Metropolitan Statistical Area consists of all of Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn Cities and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framington, Lexington, Lincoln, Natick, North Reading, Reading, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem Cities and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy City and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; and Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County, Massachusetts.

<sup>3</sup>The definition of this standard metropolitan statistical area has been revised since 1954. Comparable 1954 data based on the new definition for the area were not available in time for inclusion in this preliminary release but will be included in the final report for the State.

<sup>4</sup>The Brockton Standard Metropolitan Statistical Area consists of Brockton city and Abington, Bridgewater, East Bridgewater, Hanson, West Bridgewater, and Whitman towns in Plymouth County; Avon and Stoughton towns in Norfolk County; and Easton town in Bristol County, Massachusetts.

<sup>5</sup>The Fall River Standard Metropolitan Statistical Area consists of Fall River City and Somerset, Swansea, and Westport towns in Bristol County, Massachusetts; and Tiverton town in Newport County, Rhode Island.

<sup>6</sup>The Fitchburg-Leominster Standard Metropolitan Statistical Area consists of Fitchburg and Leominster Cities and Lunenburg town in Worcester County, and Shirley town in Middlesex County, Massachusetts.

<sup>7</sup>The Lawrence-Haverhill Standard Metropolitan Statistical Area consists of Lawrence and Haverhill Cities and Andover, Groveland, Methuen, and North Andover towns in Essex County, Massachusetts; and Plaistow and Salem towns in Rockingham County, New Hampshire.

<sup>8</sup>The Lowell Standard Metropolitan Statistical Area consists of Lowell City and Billerica, Chelmsford, Dracut, Tewksbury, and Tyngsborough towns in Middlesex County, Massachusetts.

<sup>9</sup>The New Bedford Standard Metropolitan Statistical Area consists of New Bedford City, Acushnet, Dartmouth, and Fairhaven towns in Bristol County, and Marion and Mattapoisett towns in Plymouth County, Massachusetts.

<sup>10</sup>The Pittsfield Standard Metropolitan Statistical Area consists of Pittsfield City, Dalton, Lenox, and Lee towns in Berkshire County, Massachusetts.

<sup>11</sup>The Providence Standard Metropolitan Statistical Area consists of Central Falls, Cranston, Pawtucket, Providence, and Woonsocket Cities and Burrillville, Cumberland, East Providence, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County, Narragansett and North Kingstown towns in Washington County, Warwick City, Coventry, East Greenwich, and West Warwick towns in Kent County, Jamestown town in Newport County, and all of Bristol County, Rhode Island; Attleboro City, North Attleboro, and Seekonk towns in Bristol County, Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County, and Blackstone and Millville towns in Worcester County, Massachusetts.

<sup>12</sup>The Springfield-Holyoke Standard Metropolitan Statistical Area consists of Chicopee, Holyoke, Springfield, and Westfield Cities and Agawam, East Longmeadow, Longmeadow, Ludlow, Monson, Palmer, West Springfield, and Wilbraham towns in Hampden County, Northampton City, Easthampton, Hadley, and South Hadley towns in Hampshire County, and Warrentown in Worcester County, Massachusetts.

<sup>13</sup>The Worcester Standard Metropolitan Statistical Area consists of Worcester City and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Shrewsbury, Spencer, Sutton, Upton, Westborough, and West Boylston town in Worcester County, Massachusetts.

<sup>14</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

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Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad- justed (\$1,000)	Adjusted (\$1,000)				
		BOSTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of all of Suffolk County; Cambridge, Everett, Malden, Medford, Melrose, Newton, Somerville, Waltham, and Woburn Cities and Arlington, Ashland, Bedford, Belmont, Burlington, Concord, Framington, Lexington, Lincoln, Natick, North Reading, Reading, Stoneham, Sudbury, Wakefield, Watertown, Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Beverly, Lynn, Peabody, and Salem Cities and Danvers, Hamilton, Lynnfield, Manchester, Marblehead, Middleton, Nahant, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Quincy City and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County, Massachusetts)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	25,627	2,025	298,085	1,419,598	2,377,783	2,408,547	99,659	(3)	(3)	
20	Food and kindred products.....	582	237	30,505	134,103	243,169	254,933	11,482			
22	Textile mill products.....	134	56	7,070	30,509	47,760	47,891	2,635			
23	Apparel and related products.....	777	353	25,906	84,856	146,712	147,474	2,645			
24	Lumber and wood products.....	132	30	2,110	9,279	13,424	14,330	529			
25	Furniture and fixtures.....	230	65	3,938	16,369	26,600	26,320	983			
26	Pulp, paper and products.....	133	78	10,273	45,802	82,866	84,102	5,038			
27	Printing and publishing.....	764	164	22,402	117,743	209,699	211,887	17,188			
28	Chemicals and products.....	296	85	8,891	48,112	124,817	124,592	5,409			
29	Petroleum and coal products.....	23	7	1,235	7,427	15,385	14,579	1,085			
30	Rubber products.....	60	38	14,408	67,923	118,695	121,219	3,282			
31	Leather and leather goods.....	386	190	22,548	87,536	142,083	143,005	3,688			
33	Primary metal industries.....	88	35	3,590	19,205	26,300	27,059	1,417			
34	Fabricated metal products.....	518	170	16,620	81,605	163,031	166,177	5,727			
35	Machinery, except electrical <sup>4</sup> .....	607	180	28,381	152,005	257,297	257,429	9,676			
36	Electrical machinery.....	257	123	42,701	205,534	376,504	367,051	11,033			
37	Transportation equipment.....	70	38	19,606	119,591	200,970	190,964	6,304			
38	Instruments and related products.....	118	49	11,558	59,724	91,203	115,608	7,595			
--	Administrative and auxiliary <sup>5</sup> .....	...	...	15,341	84,774	...	...	...			
		SPRINGFIELD-HOLYOKE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Chicopee, Holyoke, Springfield, and Westfield Cities and Agawam, East Longmeadow, Longmeadow, Ludlow, Monson, Palmer, West Springfield, and Wilbraham towns in Hampden County; Northampton City, Easthampton, Hadley, and South Hadley towns in Hampshire County, and Warrenton in Worcester County, Massachusetts)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2949	2384	71,631	342,443	591,446	593,659	26,839	(3)	(3)	
20	Food and kindred products.....	121	40	3,993	17,626	27,975	29,388	1,846			
22	Textile mill products.....	29	24	4,824	18,229	29,817	30,666	1,259			
23	Apparel and related products.....	44	30	4,068	13,109	19,983	20,106	1,139			
24	Lumber and wood products.....	36	7	805	3,203	5,268	5,448	122			
25	Furniture and fixtures.....	23	7	723	2,896	4,908	4,702	118			
26	Pulp, paper and products.....	69	47	7,474	35,002	61,448	61,988	3,391			
27	Printing and publishing.....	125	37	4,888	21,212	39,179	39,143	2,056			
28	Chemicals and products.....	33	12	3,877	22,220	71,247	71,307	3,347			
31	Leather and leather goods.....	6	2	903	3,947	5,972	6,573	219			
32	Stone, clay, and glass products <sup>2</sup> .....	41	8	513	2,785	4,126	4,442	1,092			
33	Primary metal industries.....	32	19	2,579	13,703	20,420	19,617	1,061			
34	Fabricated metal products.....	109	42	4,395	23,301	38,464	37,708	2,300			
35	Machinery, except electrical <sup>4</sup> .....	157	50	14,062	76,957	131,412	122,147	3,539			
36	Electrical machinery.....	27	16	4,070	16,468	24,257	26,455	728			
37	Transportation equipment.....	10	3	573	2,883	3,458	3,621	146			
39	Miscellaneous manufactures (including Ordnance).....	68	29	7,886	31,622	52,801	55,241	1,737			
--	Administrative and auxiliary <sup>5</sup> .....	...	...	1,739	12,592	...	...	...			

See footnotes at end of table.



Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		WORCESTER STANDARD METROPOLITAN STATISTICAL AREA (Consists of Worcester City and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Shrewsbury, Spencer, Sutton, Upton, Westborough, and West Boylston towns in Worcester County, Massachusetts)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,777	2,311	50,593	239,184	377,229	374,813	22,107	(3)	(3)	
20	Food and kindred products.....	82	25	2,285	10,260	21,061	22,835	1,117			
22	Textile mill products.....	62	35	3,221	12,391	21,165	22,581	827			
23	Apparel and related products.....	58	29	2,599	8,188	12,392	14,447	123			
24	Lumber and wood products.....	23	3	288	968	1,101	970	47			
25	Furniture and fixtures.....	21	7	307	1,239	2,225	2,248	57			
26	Pulp, paper and products.....	26	17	1,960	8,081	13,036	13,255	358			
27	Printing and publishing.....	71	15	1,663	8,321	11,999	12,041	738			
28	Chemicals and products.....	26	7	692	3,058	7,871	8,054	830			
30	Rubber products.....	4	2	270	1,470	2,094	2,651	11			
31	Leather and leather goods.....	33	20	3,214	9,666	14,323	14,580	264			
32	Stone, clay, and glass products <sup>4</sup> .....	16	6	4,715	27,988	48,470	45,310	7,335			
33	Primary metal industries.....	35	21	7,347	44,745	65,285	65,234	4,791			
34	Fabricated metal products.....	113	44	4,809	21,451	32,674	33,128	1,590			
35	Machinery, except electrical <sup>4</sup> .....	124	44	12,535	62,431	89,053	86,203	3,289			
36	Electrical machinery.....	20	7	767	3,104	4,759	4,844	233			
38	Instruments and related products.....	9	5	1,142	4,611	13,140	13,188	99			
--	Administrative and auxiliary <sup>5</sup> .....	...	...	45	384	...	...	...			

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

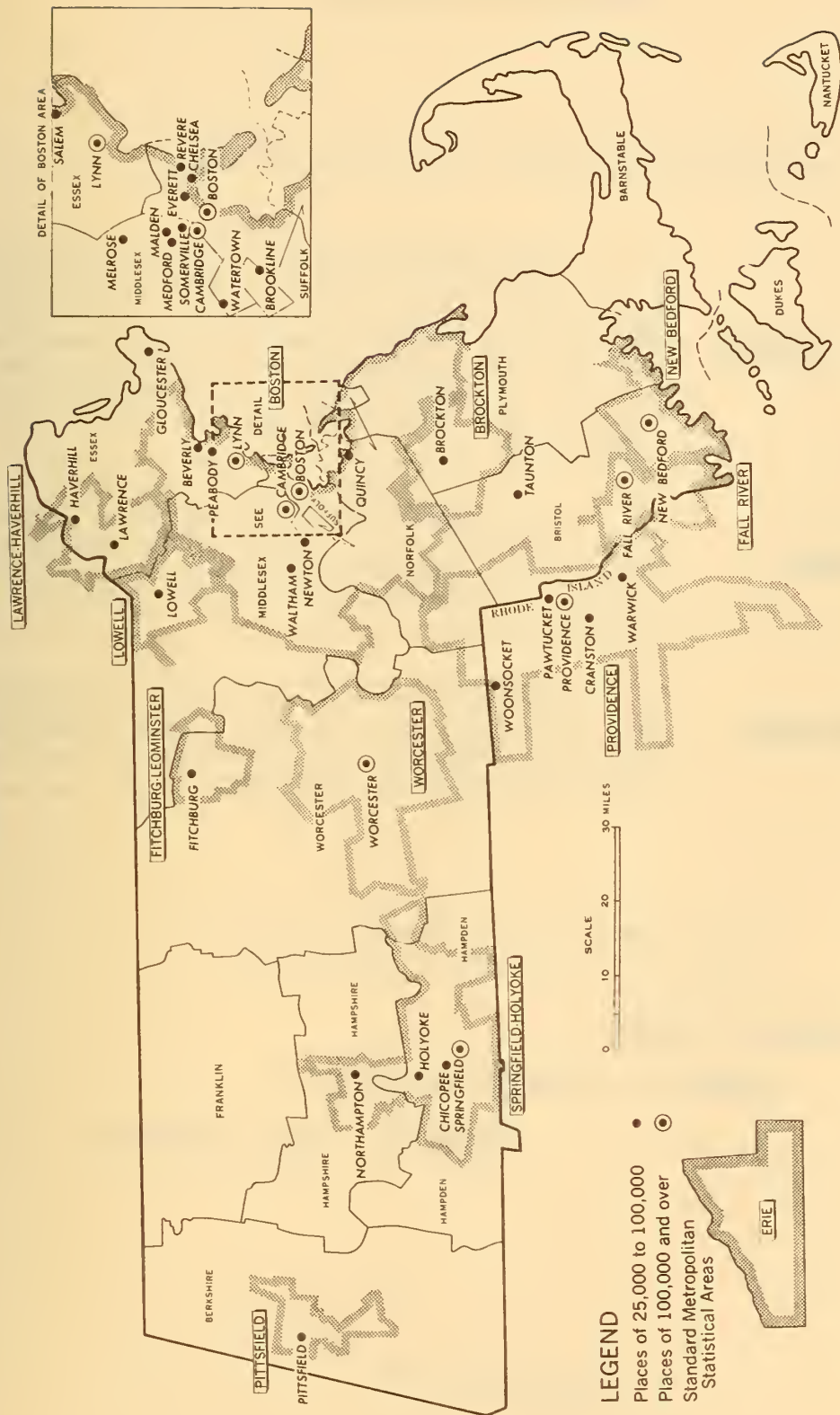
<sup>3</sup>The definition of this standard metropolitan statistical area has been revised since 1954. Comparable 1954 data based on the new definition for the area were not available in time for inclusion in this preliminary release but will be included in the final report for the State.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.



# MASSACHUSETTS



# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S21

### MICHIGAN

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	13,417	12,711	+6
20 or more employees.....	...do.....	3,998	4,001	...
All employees:				
Number.....	Thousands.....	882.6	1,056.6	-16
Payroll.....	Million dollars	5,172.4	5,252.4	-2
Value added by manufacture:				
Unadjusted.....	...do.....	8,350.8	8,707.2	-4
Adjusted.....	...do.....	8,313.7	(NA)	(NA)
Capital expenditures, new.....	...do.....	438.9	870.5	-50

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

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## MICHIGAN

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry groups	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new  (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted  (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	213,417	23,998	882,641	5,172,363	8,350,781	8,313,659	438,866	1,056,564	8,707,194
20	Food and kindred products.....	1,530	527	57,510	281,143	629,627	649,781	33,705	57,073	514,730
21	Tobacco manufactures.....	7	3	627	2,544	5,933	5,935	112	673	5,833
22	Textile mill products.....	39	18	2,121	9,782	15,885	15,975	551	3,451	22,175
23	Apparel and related products.....	253	81	11,391	47,437	71,440	66,890	2,928	10,218	52,027
24	Lumber and wood products.....	1,224	135	11,374	40,069	62,967	62,536	4,180	14,767	73,174
25	Furniture and fixtures.....	398	143	19,136	90,031	163,823	166,892	4,396	20,737	142,067
26	Pulp, paper and products.....	198	126	26,903	144,299	259,325	261,248	47,149	29,168	236,147
27	Printing and publishing.....	1,339	267	27,753	154,462	256,792	257,158	11,085	26,973	223,518
28	Chemicals and products.....	441	144	35,979	218,522	602,728	602,927	47,353	37,936	497,024
29	Petroleum and coal products.....	60	27	2,821	19,988	55,063	53,297	5,103	2,678	47,250
30	Rubber products.....	59	28	9,808	57,411	115,180	109,314	4,182	12,521	105,455
31	Leather and leather goods.....	40	24	3,404	13,691	23,647	23,500	428	4,245	25,613
32	Stone, clay, and glass products <sup>3</sup> .....	740	154	17,563	90,245	193,810	197,978	15,312	17,349	164,432
33	Primary metal industries.....	529	287	67,283	410,551	654,921	668,567	59,452	79,080	694,505
34	Fabricated metal products.....	1,912	629	74,648	408,447	653,150	648,145	23,066	91,671	712,663
35	Machinery, except electrical <sup>4</sup> .....	3,136	818	138,529	849,854	1,298,161	1,281,394	64,467	163,822	1,482,491
36	Electrical machinery.....	267	106	18,930	98,697	182,146	178,046	4,827	20,725	151,350
37	Transportation equipment.....	543	293	259,514	1,554,933	2,883,225	2,835,491	102,924	375,470	3,274,286
38	Instruments and related products.....	102	31	7,849	44,965	73,744	74,952	1,293	9,229	80,373
39	Miscellaneous manufactures (including Ordnance).....	600	157	17,692	85,744	149,214	153,633	6,353	23,835	202,023
—	Administrative and auxiliary <sup>5</sup> .....	...	...	71,806	549,548	...	...	...	54,934	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete, and establishments classified in Industry 3599-Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MICHIGAN, TOTAL.....	13,417	3,998	882,641	5,172,363	8,350,781	8,313,659	438,866	1,056,564	8,707,194
STANDARD METROPOLITAN STATISTICAL AREAS									
Ann Arbor <sup>2</sup> .....	222	63	18,021	103,461	186,985	184,213	14,548	(NA)	172,533
Bay City <sup>3</sup> .....	170	50	8,949	48,661	84,075	86,372	3,402	10,691	68,070
Detroit <sup>4</sup> .....	6,438	1,909	467,859	2,970,278	4,277,877	4,262,524	210,476	590,432	4,713,167
Flint <sup>5</sup> .....	275	71	57,623	342,913	589,962	566,745	20,273	75,414	713,846
Grand Rapids <sup>6</sup> .....	837	292	44,636	233,654	411,231	409,715	14,749	52,372	454,194
Jackson <sup>7</sup> .....	286	87	14,912	80,332	152,265	148,521	4,537	15,806	141,473
Kalamazoo <sup>8</sup> .....	286	122	25,022	136,430	274,021	277,147	18,868	24,088	221,408
Lansing <sup>9</sup> .....	338	104	25,886	151,090	284,724	283,872	9,965	(NA)	334,865
Muskegon-Muskegon Heights <sup>10</sup> .....	223	83	23,510	124,513	213,822	211,992	8,110	(NA)	186,973
Saginaw <sup>11</sup> .....	242	76	21,950	125,014	222,060	226,322	9,601	26,693	236,980
COUNTIES <sup>12</sup>									
Alger.....	32	5	825	3,915	9,221	9,189	915	911	5,727
Allegan.....	103	29	3,665	17,512	34,671	35,772	2,181	3,354	25,821
Alpena.....	42	13	3,454	16,289	23,097	24,285	4,682	2,723	25,691
Antrim.....	23	8	710	2,384	4,822	4,673	261	541	3,175
Barry.....	42	13	2,399	11,691	19,380	20,139	591	2,614	17,976
Bay.....	170	50	8,949	48,661	84,075	86,372	3,402	10,691	68,070

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MICHIGAN—CONTINUED									
COUNTIES <sup>1,2</sup> —Continued									
Benzle.....	17	6	415	1,230	1,900	1,791	81	392	1,687
Berrien.....	311	119	20,291	105,979	187,724	185,130	7,589	20,831	178,497
Branch.....	84	23	2,824	13,184	22,565	23,282	1,736	2,514	15,947
Calhoun.....	202	81	20,957	112,284	269,384	270,304	11,126	21,102	239,018
Cass.....	70	20	2,087	8,355	14,104	14,061	962	1,673	11,786
Charlevoix.....	37	10	912	3,700	6,724	7,091	425	699	3,713
Cheboygan.....	29	9	329	1,299	1,634	1,600	134	266	1,775
Chippewa.....	58	7	1,097	4,577	9,030	9,090	431	1,885	9,753
Clare.....	21	4	408	1,725	3,268	3,489	174	707	5,838
Clinton.....	32	6	795	4,244	14,031	14,077	292	863	11,659
Crawford.....	10	2	294	944	1,753	1,747	47	288	1,449
Delta.....	104	16	2,207	9,091	15,244	13,247	1,461	2,428	16,225
Eaton.....	74	22	1,978	8,581	11,997	12,108	962	1,914	9,688
Emmet.....	26	7	656	2,966	7,842	8,268	1,517	813	4,806
Genesee.....	275	71	57,508	342,215	589,962	566,745	20,273	75,410	713,846
Gogebic.....	56	9	794	2,748	4,941	4,947	253	1,134	5,859
Grand Traverse.....	55	23	2,082	8,343	13,898	14,228	683	2,391	15,591
Gratiot.....	43	15	2,953	14,673	33,956	33,020	2,051	3,001	23,878
Hillsdale.....	66	20	1,920	9,887	15,893	16,102	763	2,372	17,257
Houghton.....	78	15	1,131	3,975	9,153	9,271	550	1,446	10,616
Huron.....	51	15	1,431	6,366	14,126	13,701	787	1,935	13,030
Ingham.....	232	76	22,041	132,401	258,696	257,687	8,711	29,394	318,340
Ionia.....	65	23	3,789	15,974	31,830	29,999	1,112	3,586	22,607
Iosco.....	30	3	485	2,173	5,719	5,759	581	857	7,918
Iron.....	49	1	229	574	867	916	106	356	1,105
Isabella.....	34	7	714	3,487	6,521	6,765	249	802	7,341
Jackson.....	286	87	14,907	80,294	152,265	148,521	4,537	15,575	141,473
Kalamazoo.....	286	122	24,280	131,905	274,021	277,147	18,868	23,948	221,408
Kent.....	837	292	44,475	232,729	411,231	409,715	14,749	52,337	454,194
Lapeer.....	60	13	1,154	5,056	7,262	7,317	605	1,204	6,980
Lenawee.....	174	54	10,265	52,364	106,769	107,191	2,894	11,320	96,903
Livingston.....	94	21	1,706	7,986	13,514	13,107	710	1,889	13,025
Macomb.....	918	245	46,786	301,951	471,033	482,938	10,914	35,120	281,192
Mainstreet.....	56	17	1,831	8,686	20,536	20,118	(D)	2,263	19,790
Marquette.....	117	18	2,192	7,241	12,876	12,636	1,143	2,588	13,975
Mason.....	53	21	1,899	7,989	17,461	18,088	565	1,744	8,825
Mecosta.....	31	11	1,003	3,523	6,686	6,082	225	1,239	5,386
Menominee.....	111	21	2,543	10,060	20,090	19,814	588	3,002	18,936
Monroe.....	114	40	6,184	35,861	59,199	58,774	3,114	8,655	67,984
Montcalm.....	61	20	3,466	16,384	42,055	41,271	1,036	3,485	27,108
Muskegon.....	223	83	23,320	123,247	213,822	211,992	8,110	25,272	186,973
Oakland.....	1,169	300	47,458	289,179	546,372	549,282	21,661	57,624	531,955
Oceana.....	28	7	487	1,338	1,749	1,751	298	530	2,266
Ogemaw.....	29	3	289	922	1,848	2,151	175	94	476
Ontonagon.....	29	4	423	1,701	3,990	3,924	4,164	505	2,003
Osceola.....	26	11	1,033	4,263	7,629	7,538	432	671	4,246
Otsego.....	18	3	371	1,921	3,680	3,548	140	380	3,290
Ottawa.....	248	101	12,079	57,886	137,672	138,046	7,792	11,475	92,137
Presque Isle.....	26	4	207	500	863	889	53	165	499
Saginaw.....	242	76	21,950	125,014	222,060	226,322	9,601	26,625	236,980
St. Clair.....	173	47	7,850	41,112	67,599	67,677	4,066	9,547	72,929
St. Joseph.....	134	52	7,290	33,653	67,247	68,670	12,363	6,483	54,110
Sanilac.....	55	17	2,219	9,144	15,134	16,297	1,194	1,696	8,875
Schoolcraft.....	34	4	331	1,103	1,762	1,716	531	372	2,434
Shiawassee.....	77	30	4,377	20,007	33,672	31,652	1,565	3,621	20,906
Tuscola.....	65	15	1,485	6,092	8,212	8,177	518	1,100	6,573
Van Buren.....	113	35	3,753	15,669	29,155	29,417	1,867	3,302	23,530
Washtenaw.....	222	63	17,347	99,006	186,985	184,213	14,548	21,163	172,533
Wayne.....	4,351	1,364	310,102	1,884,565	3,260,472	3,230,304	177,901	445,478	3,900,018
Wexford.....	38	13	1,476	6,225	9,998	9,523	320	2,033	10,336

D Withheld to avoid disclosing figures for individual companies.

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.<sup>2</sup>The Ann Arbor Standard Metropolitan Statistical Area consists of Washtenaw County, Michigan.<sup>3</sup>The Bay City Standard Metropolitan Statistical Area consists of Bay County, Michigan.<sup>4</sup>The Detroit Standard Metropolitan Statistical Area consists of Macomb, Oakland, and Wayne Counties, Michigan.<sup>5</sup>The Flint Standard Metropolitan Statistical Area consists of Genesee County, Michigan.<sup>6</sup>The Grand Rapids Standard Metropolitan Statistical Area consists of Kent County, Michigan.<sup>7</sup>The Jackson Standard Metropolitan Statistical Area consists of Jackson County, Michigan.<sup>8</sup>The Kalamazoo Standard Metropolitan Statistical Area consists of Kalamazoo County, Michigan.<sup>9</sup>The Lansing Standard Metropolitan Statistical Area consists of Clinton, Eaton, and Ingham Counties, Michigan.<sup>10</sup>The Muskegon-Muskegon Heights Standard Metropolitan Statistical Area consists of Muskegon County, Michigan.<sup>11</sup>The Saginaw Standard Metropolitan Statistical Area consists of Saginaw County, Michigan.<sup>12</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for smaller counties. Additional publishable detail will appear in the final report for this State.



## MICHIGAN

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Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
DETROIT STANDARD METROPOLITAN STATISTICAL AREA (Consists of Macomb, Oakland, and Wayne Counties, Michigan)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	26,438	21,909	467,839	2,970,278	4,277,877	4,262,524	210,476	590,432	4,713,167
20	Food and kindred products.....	477	188	23,385	127,012	244,727	251,584	10,418	23,528	213,568
23	Apparel and related products.....	151	37	6,097	29,625	39,045	37,340	2,349	5,026	29,852
24	Lumber and wood products.....	124	22	1,945	9,620	15,576	15,347	583	2,548	16,732
25	Furniture and fixtures.....	145	32	2,802	14,762	24,927	25,128	422	3,017	22,026
26	Pulp, paper and products.....	69	35	4,038	22,943	38,016	38,499	3,488	5,063	37,939
27	Printing and publishing.....	618	137	16,019	99,459	155,588	155,427	5,712	15,267	136,010
28	Chemicals and products.....	265	86	17,038	102,362	240,218	241,411	13,891	17,885	219,117
29	Petroleum and coal products.....	35	14	1,404	10,823	30,513	29,449	2,559	1,443	27,637
30	Rubber products.....	33	11	6,304	38,999	65,301	59,395	3,287	8,718	70,469
32	Stone, clay, and glass products <sup>3</sup> .....	252	80	8,210	45,602	84,139	87,359	4,886	9,375	80,571
33	Primary metal industries.....	266	135	37,906	247,597	410,699	421,020	49,489	47,858	469,493
34	Fabricated metal products.....	1,140	346	38,904	225,865	352,784	350,582	12,566	53,473	433,552
35	Machinery, except electrical <sup>3</sup> .....	2,042	501	76,400	509,444	723,632	719,586	42,379	94,059	881,541
36	Electrical machinery.....	151	48	5,734	35,104	60,367	57,720	884	7,012	60,488
37	Transportation equipment.....	282	138	148,222	904,059	1,712,489	1,691,241	54,822	229,899	1,915,498
38	Instruments and related products.....	56	12	1,007	5,587	8,742	9,002	237	1,446	11,258
39	Miscellaneous manufactures (including Ordnance).....	296	76	6,990	37,219	54,534	56,052	2,060	9,879	64,931
--	Administrative and auxiliary <sup>4</sup> .....	...	...	63,493	494,583	...	...	...	52,209	...
FLINT STANDARD METROPOLITAN STATISTICAL AREA (Consists of Genesee County, Michigan)										
	ALL INDUSTRIES, TOTAL <sup>1,3</sup> .....	2,275	271	57,623	342,913	589,962	566,745	20,273	75,414	713,846
--	Administrative and auxiliary <sup>4</sup> .....	...	...	115	698	...	...	...	4	...
GRAND RAPIDS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Kent County, Michigan)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,837	2,292	44,636	233,654	411,231	409,715	14,749	52,372	454,194
20	Food and kindred products.....	116	37	3,720	17,414	28,869	30,113	3,272	4,031	27,958
22	Textile mill products.....	6	4	556	2,602	4,866	5,162	251	883	5,060
23	Apparel and related products.....	18	6	1,320	6,236	11,517	10,373	213	197	1,117
24	Lumber and wood products.....	47	19	1,102	4,990	7,189	6,966	314	1,331	9,173
25	Furniture and fixtures.....	100	55	6,823	33,169	59,645	59,683	994	7,897	58,057
26	Pulp, paper and products.....	14	8	1,260	6,480	10,796	11,061	421	1,452	12,412
27	Printing and publishing.....	122	31	2,486	12,092	20,326	20,333	732	2,288	17,641
28	Chemicals and products.....	25	8	613	3,787	5,930	6,080	240	599	4,036
30	Rubber products.....	7	3	447	2,219	3,543	3,634	98	609	4,103
32	Stone, clay, and glass products <sup>3</sup> .....	37	10	774	4,032	8,828	9,146	442	729	7,010
33	Primary metal industries.....	37	20	1,779	10,046	15,583	16,853	618	1,917	12,608
34	Fabricated metal products.....	123	52	7,134	36,995	60,114	60,735	1,844	8,752	65,279
35	Machinery, except electrical <sup>3</sup> .....	111	42	5,542	31,389	53,855	51,036	1,576	5,965	57,074
36	Electrical machinery.....	11	8	1,087	5,636	9,533	9,052	92	1,031	6,931
39	Miscellaneous manufactures (including Ordnance).....	35	9	517	2,036	4,252	4,242	182	1,279	8,534
--	Administrative and auxiliary <sup>4</sup> .....	...	...	161	925	...	...	...	35	...

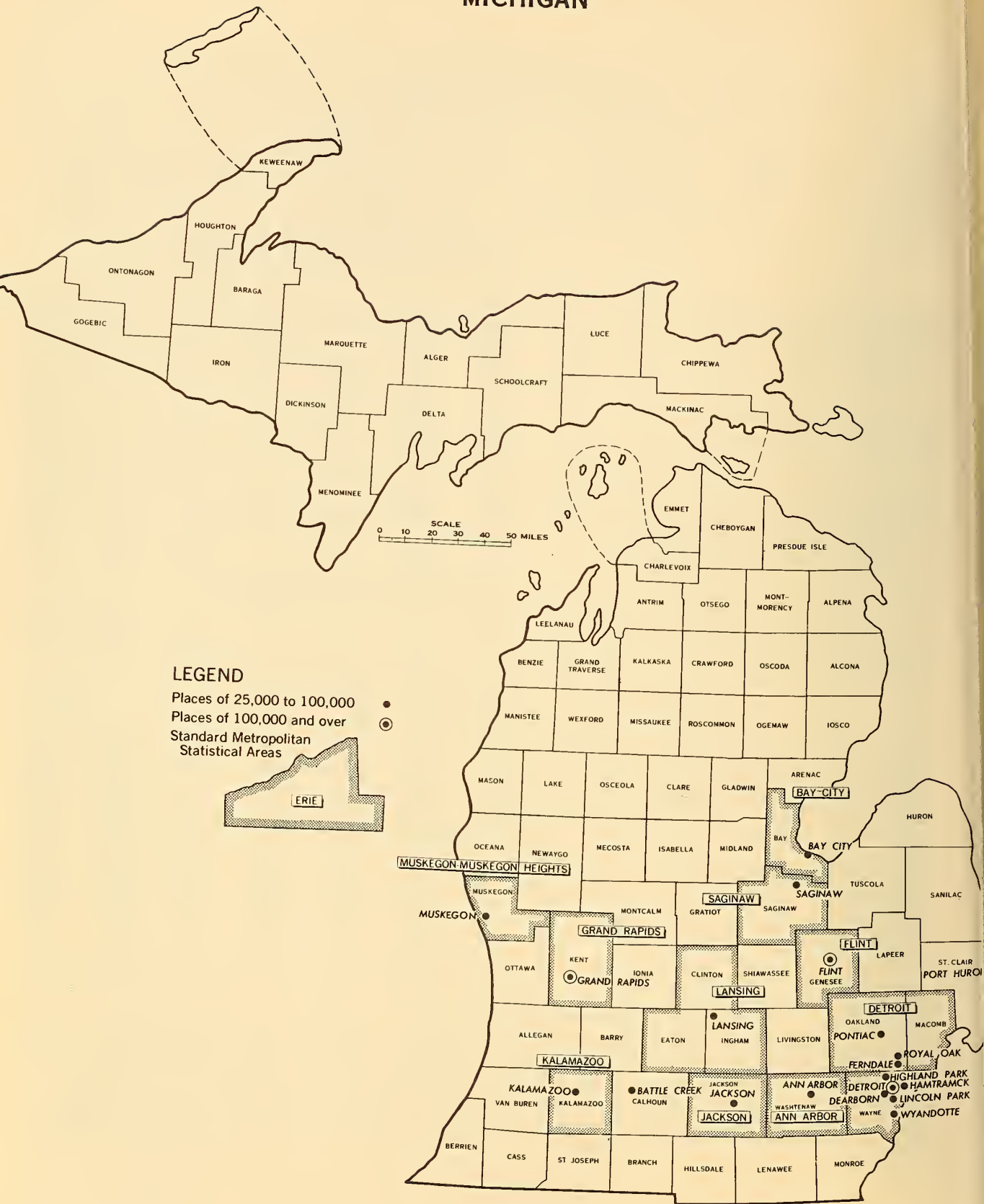
<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for small industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete, and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily report separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

# MICHIGAN













# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

February 1960

MC(P)-S22

### MINNESOTA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	5,327	5,027	+6
20 or more employees.....	...do.....	1,435	1,316	+9
All employees:				
Number.....	Thousands.....	219.2	208.5	+5
Payroll.....	Million dollars	1,084.1	865.3	+25
Value added by manufacture:				
Unadjusted.....	...do.....	1,994.9	1,594.5	+25
Adjusted.....	...do.....	2,034.9	(NA)	(NA)
Capital expenditures, new.....	...do.....	109.7	82.2	+33

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget. USCOMM--DC--



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> <sup>a</sup> .....	25,327	21,435	219,168	1,084,114	1,994,850	2,034,861	109,703	208,506	1,594,505
20	Food and kindred products.....	1,212	357	50,205	240,653	469,395	492,229	29,530	49,470	398,774
22	Textile mill products.....	26	18	2,793	9,621	15,069	15,153	574	2,944	14,822
23	Apparel and related products.....	183	87	7,662	23,480	41,126	42,260	532	8,971	38,962
24	Lumber and wood products.....	749	69	7,068	28,031	46,701	49,340	2,427	8,585	46,818
25	Furniture and fixtures.....	143	36	2,549	11,749	16,444	16,853	459	2,672	16,992
26	Pulp, paper and products.....	79	50	11,620	59,451	144,676	147,683	18,531	15,428	173,960
27	Printing and publishing.....	808	145	20,864	102,514	166,079	166,492	8,057	19,450	138,625
28	Chemicals and products.....	205	58	6,465	33,921	142,868	148,325	9,131	5,288	102,484
29	Petroleum and coal products.....	23	10	1,291	7,938	25,642	26,997	1,251	940	12,219
30	Rubber products.....	23	6	1,000	4,540	7,308	7,570	315	653	5,546
31	Leather and leather goods.....	21	14	1,837	9,024	12,931	12,985	320	1,599	8,070
32	Stone, clay, and glass products <sup>3</sup> .....	330	76	8,256	38,522	93,506	94,703	6,729	5,119	31,029
33	Primary metal industries.....	80	41	5,613	30,793	46,287	47,590	2,436	5,911	34,075
34	Fabricated metal products.....	365	117	11,924	61,049	106,903	114,119	4,737	9,707	72,259
35	Machinery, except electrical <sup>3</sup> .....	570	175	31,710	164,005	290,741	287,274	14,935	23,492	178,174
36	Electrical machinery.....	105	51	7,641	37,614	67,564	63,333	2,226	6,680	48,718
37	Transportation equipment.....	94	31	5,194	26,836	72,137	73,790	1,415	6,852	63,452
--	Administrative and auxiliary <sup>4</sup> .....	...	...	9,569	61,203	...	...	...	5,484	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>a</sup>Does not include the number of administrative and auxiliary units

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-Mix Concrete, and establishments classified in Industry 3599, Machine Shops, that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns reported separately for central administrative offices or auxiliary units which serve the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, and repair shops). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954  
(See text for explanation of column captions)

Region and State	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MINNESOTA, TOTAL.....	5,327	1,435	219,168	1,084,114	1,994,850	2,034,861	109,703	208,506	1,594,505
STANDARD METROPOLITAN STATISTICAL AREAS									
Duluth-Superior <sup>2</sup> .....	385	90	11,496	57,092	102,967	103,515	6,069	12,740	78,840
Portion in Minnesota.....	328	70	9,994	49,691	89,983	90,114	4,379	11,205	66,459
Portion in Wisconsin.....	57	20	1,502	7,401	12,984	13,401	1,690	1,535	12,355
Minneapolis-St. Paul <sup>3</sup> .....	2,437	883	144,471	754,245	1,369,078	1,384,511	50,625	142,814	1,116,758
COUNTIES <sup>4</sup>									
Anoka.....	58	16	6,006	31,711	50,685	50,106	1,631	5,060	35,198
Becker.....	39	5	424	1,295	1,845	2,221	137	378	1,673
Beltrami.....	43	7	382	1,078	2,063	2,070	113	442	1,893
Benton.....	31	8	799	3,660	7,389	7,638	1,434	681	5,545
Big Stone.....	7	2	265	628	1,120	1,114	115	89	587
Blue Earth.....	71	22	2,307	10,272	20,570	21,716	1,491	2,046	17,133
Brown.....	52	19	1,561	5,607	9,303	9,911	677	1,105	7,221
Carlton.....	34	5	3,757	18,743	37,128	37,522	1,792	3,751	31,569
Carver.....	31	8	646	2,601	5,493	5,414	1,024	517	5,006
Cass.....	50	2	320	770	1,605	1,668	137	307	1,013
Cottonwood.....	18	4	288	977	3,737	2,397	181	248	2,723
Crow Wing.....	46	9	990	4,231	5,662	5,859	(D)	727	3,246
Dakota.....	54	22	8,469	48,187	88,708	92,418	4,087	7,954	37,592
Douglas.....	32	4	369	1,807	2,102	2,127	166	236	1,304
Faribault.....	34	6	793	2,672	6,001	5,800	439	718	4,566
Fillmore.....	34	3	268	935	1,863	1,690	190	151	548
Freeborn.....	64	24	3,478	16,469	29,004	28,075	3,059	3,127	17,588
Goodhue.....	61	24	2,401	12,119	20,321	20,901	1,390	2,206	13,530
Hennepin.....	1,625	566	73,274	369,999	666,803	679,486	27,169	71,267	536,293
Houston.....	23	2	273	763	4,232	4,287	279	166	978
Itasca.....	94	5	790	3,920	8,816	8,871	(D)	1,007	6,956
Kanabec.....	14	4	331	1,441	3,155	2,538	132	250	1,767
Kandiyohi.....	44	7	1,003	2,966	6,696	7,046	504	598	3,681
Koochiching.....	98	2	2,217	11,175	18,488	20,241	(D)	2,353	(D)
Lake.....	32	4	399	1,559	2,011	1,992	132	438	1,822
Le Sueur.....	34	8	902	3,337	8,082	7,936	1,113	878	6,805
Lyon.....	34	7	600	1,800	4,044	4,268	309	397	1,924
McLeod.....	45	14	1,480	5,451	33,635	33,590	806	1,186	15,383
Martin.....	39	7	1,357	5,183	13,144	14,014	706	1,062	10,806
Meeker.....	29	6	431	1,623	3,235	3,637	401	319	2,294
Morrison.....	41	8	896	3,337	7,348	7,599	546	696	3,669
Mower.....	35	8	5,556	36,127	50,793	58,384	1,532	5,558	(D)
Nicollet.....	25	4	332	1,190	2,599	2,671	348	188	758
Nobles.....	23	3	901	2,924	4,104	4,188	820	507	2,285
Olmsted.....	54	11	3,505	18,800	26,332	30,627	8,817	1,572	11,748
Otter Tail.....	66	12	932	3,410	7,030	7,067	1,139	680	4,270
Pennington.....	15	5	341	1,089	1,513	1,653	217	317	1,890
Pipestone.....	26	4	404	1,587	3,414	3,441	123	306	1,791
Polk.....	40	7	585	3,020	6,720	8,560	441	460	2,462
Ramsey.....	651	260	44,620	230,008	494,818	495,687	13,823	49,922	472,239
Renville.....	32	4	250	741	1,681	1,420	135	223	1,016
Rice.....	42	20	1,638	5,419	11,346	11,333	1,078	1,108	6,616
Rock.....	20	4	300	1,149	1,644	1,640	147	224	1,346
St. Louis.....	328	70	9,909	49,163	89,983	90,114	4,379	11,189	66,459
Scott.....	34	7	1,027	5,436	10,932	15,043	1,049	994	7,698
Stearns.....	118	27	4,129	15,953	29,569	28,464	1,435	2,729	19,258
Steele.....	46	18	1,890	8,232	15,539	18,181	606	1,649	11,990
Todd.....	24	3	462	1,614	3,268	3,154	626	211	1,093
Wabasha.....	26	7	726	3,047	6,499	6,647	509	500	3,370
Waseca.....	24	6	1,229	4,351	9,172	10,405	425	1,206	8,790
Washington.....	49	19	3,279	17,743	68,064	68,814	3,915	3,580	35,394
Watonswan.....	23	5	891	2,517	4,606	2,770	169	570	2,682
Winona.....	98	44	3,634	14,868	35,912	36,197	1,148	3,297	20,813
Wright.....	43	9	637	2,318	6,068	5,951	314	745	4,389

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 3 to table 2.<sup>2</sup>The Duluth-Superior, Minnesota-Wisconsin Standard Metropolitan Statistical Area consists of St. Louis County, Minnesota, and Douglas county, Wisconsin.<sup>3</sup>The Minneapolis-St. Paul, Minnesota Standard Metropolitan Statistical Area consists of Anoka, Dakota, Hennepin, Ramsey, and Washington counties, Minnesota.<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because figures for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

USCOMM--DC--

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of terms)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MINNEAPOLIS-ST. PAUL STANDARD METROPOLITAN STATISTICAL AREA (Consists of Anoka, Dakota, Hennepin, Ramsey, and Washington counties, Minnesota)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,437	2883	144,471	754,245	1,369,078	1,384,511	50,625	142,814	1,116,758
20	Food and kindred products.....	262	131	21,497	117,037	232,266	240,193	9,538	(3)	(3)
22	Textile mill products.....	15	8	1,829	6,261	5,185	5,327	330		
23	Apparel and related products.....	157	72	6,163	19,660	33,096	34,301	487		
24	Lumber and wood products.....	89	32	3,139	16,142	29,147	31,708	715		
25	Furniture and fixtures.....	103	29	2,079	10,041	14,008	14,231	351		
26	Pulp, paper and products.....	61	37	4,635	22,683	50,323	51,039	3,536		
27	Printing and publishing.....	374	94	16,830	86,531	139,358	138,865	5,858		
28	Chemicals and products.....	142	38	4,786	26,657	120,316	124,079	7,047		
29	Petroleum and coal products.....	18	9	1,117	6,853	23,319	24,613	967		
31	Leather and leather goods.....	10	6	595	1,753	3,133	3,154	57		
32	Stone, clay, and glass products <sup>4</sup> .....	91	30	3,557	18,779	57,098	58,361	3,053		
34	Fabricated metal products.....	277	92	9,547	49,599	83,407	87,725	3,389		
35	Machinery, except electrical <sup>4</sup> .....	393	130	23,533	124,589	225,358	222,098	5,895		
36	Electrical machinery.....	88	41	5,676	29,651	52,261	50,255	2,006		
37	Transportation equipment.....	52	21	3,978	22,057	63,980	64,100	1,097		
--	Administrative and auxiliary <sup>5</sup> .....	...	...	8,823	56,597	...	...	...		

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Washington county in addition to the four counties previously covered by this area.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-Mix Concrete, and establishments classified in Industry 3599, Machine Shops, that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

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# MINNESOTA



SCALE  
0 10 20 30 40 50 MILES













# 1958 Census of Manufactures

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(Subject to Revision)

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MC(P)-S23

### MISSISSIPPI

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statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

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Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	2,402	2,252	+7
20 or more employees.....	do.....	749	665	+13
All employees:				
Number.....	Thousands.....	109.4	91.3	+20
Payroll.....	Million dollars	357.0	241.0	+48
Value added by manufacture:				
Unadjusted.....	do.....	636.0	467.6	+36
Adjusted.....	do.....	645.6	(NA)	(NA)
Capital expenditures, new.....	do.....	57.7	37.0	+56

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

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## MISSISSIPPI

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,402	2,749	109,372	357,002	636,074	645,566	57,741	91,261	467,625
20	Food and kindred products.....	436	155	11,823	36,308	81,314	85,937	6,500	10,782	60,206
22	Textile mill products.....	29	23	5,058	13,890	22,073	20,003	1,033	5,220	16,027
23	Apparel and related products.....	112	96	23,380	52,423	74,828	75,035	1,620	19,221	55,017
24	Lumber and wood products.....	993	194	19,520	44,540	64,243	65,283	7,775	21,312	71,189
25	Furniture and fixtures.....	75	32	5,386	16,483	29,658	29,860	1,849	3,174	12,941
26	Pulp, paper and products.....	16	14	8,089	39,668	81,211	82,511	14,337	8,094	85,735
27	Printing and publishing.....	196	24	2,230	8,187	13,279	13,727	1,218	2,003	10,897
28	Chemicals and products.....	112	61	5,112	20,230	61,715	64,576	12,079	5,378	49,975
29	Petroleum and coal products.....	13	4	394	1,984	7,270	6,150	588	222	2,785
33	Primary metal industries.....	12	6	502	1,899	3,193	2,435	376	166	305
34	Fabricated metal products.....	76	29	3,552	13,572	30,127	29,482	1,572	1,876	12,122
35	Machinery, except electrical <sup>3</sup> .....	89	20	2,108	8,814	17,226	17,800	1,038	1,677	11,640
36	Electrical machinery.....	17	12	2,905	9,653	24,372	24,272	1,294	1,058	8,982
37	Transportation equipment.....	35	17	11,036	59,710	65,966	67,394	2,158	6,165	33,368
39	Miscellaneous manufactures (in- cluding Ordnance).....	36	10	1,058	3,131	5,093	5,526	408	463	2,834
--	Administrative and auxiliary <sup>4</sup> .....	...	...	577	2,312	...	...	...	620	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete, and establishments classified in Industry 3599, Machine shops, that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, and repair shop etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishments(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MISSISSIPPI, TOTAL.....	2,402	749	109,372	357,002	636,074	645,566	57,741	91,261	467,625
STANDARD METROPOLITAN STATISTICAL AREAS									
Jackson <sup>2</sup> .....	211	76	9,441	35,110	67,175	70,713	4,437	7,452	46,940
COUNTIES <sup>3</sup>									
Adams.....	47	17	4,106	18,195	36,505	36,223	2,453	3,997	49,922
Alcorn.....	36	18	1,974	4,918	9,599	9,831	675	1,748	5,780
Amite.....	25	2	287	558	946	924	184	301	1,246
Attala.....	35	9	871	2,689	5,375	5,763	396	884	4,749
Bolivar.....	22	5	832	2,405	6,529	7,086	253	655	4,607
Calhoun.....	36	6	1,136	2,700	3,360	3,833	240	665	2,091
Chickasaw.....	26	9	1,570	3,931	9,697	9,779	294	1,034	3,858
Choctaw.....	12	5	340	617	955	977	73	130	603
Claiborne.....	20	4	563	1,354	1,807	1,861	156	774	2,531
Clarke.....	23	5	1,224	2,852	4,600	4,164	229	1,231	4,090
Clay.....	22	8	1,946	6,433	13,534	13,329	706	1,749	8,137
Coahoma.....	34	14	1,269	4,308	8,722	8,599	437	1,015	6,554
Copiah.....	39	12	1,216	2,504	5,698	5,584	160	1,635	5,499
Forrest.....	72	25	3,405	10,960	24,044	24,014	1,530	3,071	20,309
Grenada.....	32	10	1,259	3,597	5,698	5,834	240	1,183	5,300
Harrison.....	127	38	2,562	7,861	21,954	21,444	1,846	3,525	15,241
Hinds.....	211	76	9,252	34,229	67,175	70,713	4,437	7,421	46,940
Holmes.....	23	4	295	623	1,051	1,122	121	412	1,403
Humphreys.....	11	2	331	748	935	924	412	146	522
Itawamba.....	21	8	930	1,888	2,837	2,952	157	879	2,147
Jackson.....	58	25	12,240	66,329	84,747	86,509	11,118	7,528	52,419
Jasper.....	19	3	659	1,643	3,103	3,267	266	204	1,470
Jefferson Davis.....	9	2	262	599	610	601	19	56	227
Jones.....	72	28	5,746	22,507	41,348	41,774	(D)	6,078	38,534
Lafayette.....	11	4	276	737	1,509	1,416	203	142	652
Lamar.....	28	5	739	2,439	6,940	6,759	479	482	1,414
Lauderdale.....	110	43	4,219	13,343	23,835	25,145	3,372	4,245	19,215
Lawrence.....	13	4	716	1,620	2,905	2,901	66	490	1,130
Leake.....	17	3	438	909	1,438	1,391	127	356	1,050
Lee.....	52	31	4,225	12,293	26,181	26,692	1,465	3,133	15,909
Leflore.....	34	11	729	2,385	4,578	5,589	759	855	4,546
Lincoln.....	28	9	1,272	3,813	6,327	6,248	313	1,408	5,245
Lowndes.....	51	27	4,048	12,197	21,276	22,151	2,537	2,904	12,217
Madison.....	29	16	1,145	2,890	5,692	6,159	432	726	3,154
Marion.....	38	9	1,635	3,655	5,892	5,540	342	1,397	4,194
Marshall.....	17	5	754	1,838	3,838	3,910	139	249	839
Monroe.....	45	20	2,959	7,203	8,558	8,582	991	1,733	5,253
Montgomery.....	21	4	759	2,167	3,147	3,220	140	371	1,330
Neshoba.....	30	4	836	1,898	3,043	3,197	190	762	2,842
Newton.....	27	8	1,373	2,934	4,366	4,404	139	638	1,724
Noxubee.....	19	6	616	1,595	3,549	3,567	176	461	4,236
Okfuskeena.....	29	10	658	1,513	3,629	3,763	248	729	2,646
Panola.....	19	8	825	2,247	3,580	3,442	132	481	2,508
Pearl River.....	40	12	1,623	4,444	6,881	7,026	217	1,656	6,004
Perry.....	15	3	384	840	1,112	1,126	54	252	945
Pike.....	53	15	2,451	6,134	8,733	8,455	555	2,312	9,401
Pontotoc.....	15	5	608	1,357	2,064	2,051	38	492	1,389
Prentiss.....	15	6	1,302	3,130	4,584	4,521	99	784	1,906
Rankin.....	30	9	1,851	6,897	15,497	16,668	964	1,452	9,848
Scott.....	32	7	931	1,917	4,989	5,294	605	694	3,033
Smith.....	13	3	303	538	665	698	86	154	472
Stone.....	18	4	445	1,159	2,300	2,266	313	448	1,681
Sunflower.....	18	7	735	1,822	3,754	3,780	155	419	1,236
Tate.....	10	1	425	1,151	3,951	4,054	33	141	281
Tippah.....	27	4	773	1,931	3,637	3,685	138	433	1,012
Union.....	21	7	1,283	2,906	5,916	5,824	338	1,057	2,972
Walthall.....	9	1	470	1,086	1,355	1,350	7	273	594
Warren.....	43	20	2,515	9,181	15,936	16,379	781	2,616	11,792
Washington.....	61	25	2,685	9,737	18,283	16,966	1,537	2,394	13,513
Wayne.....	20	4	598	1,274	1,833	1,819	105	701	2,088
Wilkinson.....	34	6	828	1,786	2,516	2,411	318	869	2,018
Winston.....	31	5	906	2,431	3,506	3,593	156	780	3,603
Yazoo.....	25	6	789	3,097	11,421	10,553	(D)	811	6,501

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.<sup>2</sup>The Jackson, Mississippi Standard Metropolitan Statistical Area is coterminous with Hinds County, Mississippi.<sup>3</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY INDUSTRY GROUPS:

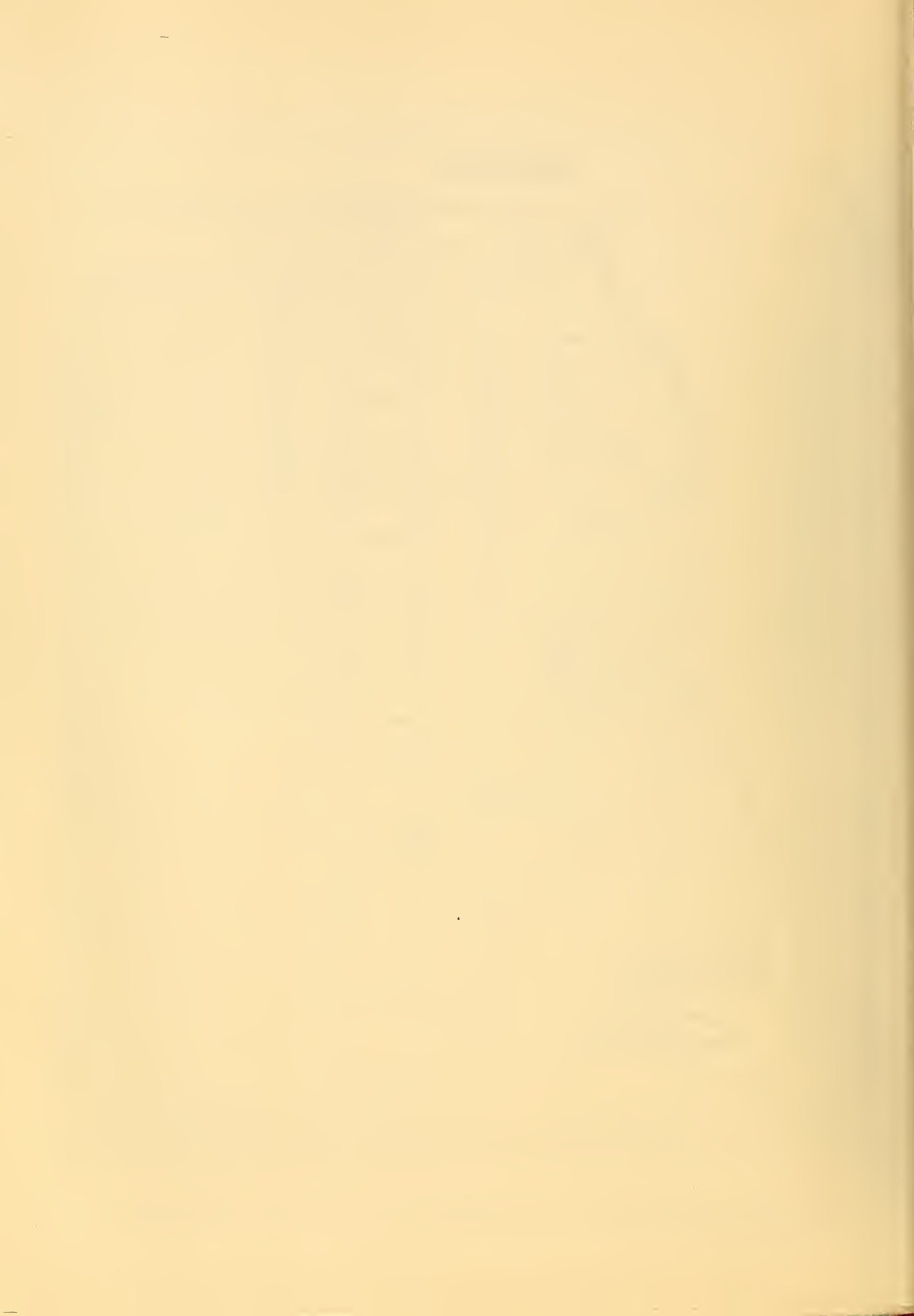
1958 AND 1954

(This State contained no standard metropolitan statistical areas with 40,000 or more manufacturing employees in 1958 or 1954).



# MISSISSIPPI















# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S24

### MISSOURI

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	6,447	6,198	+4
20 or more employees.....	..do.....	2,224	2,179	+2
All employees:				
Number.....	Thousands.....	380.7	382.4	-
Payroll.....	Million dollars	1,757.3	1,500.3	+17
Value added by manufacture:				
Unadjusted.....	..do.....	3,162.8	2,727.3	+16
Adjusted.....	..do.....	3,201.4	(NA)	(NA)
Capital expenditures, new.....	..do.....	166.0	124.4	+33

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



## 1958 CENSUS OF MANUFACTURES

3

Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,647	2,224	380,749	1,757,310	3,162,764	3,201,407	165,977	382,430	2,727,266
20	Food and kindred products.....	974	381	52,332	246,731	536,776	555,010	25,787	53,750	460,274
22	Textile mill products.....	36	17	2,787	8,875	14,358	14,576	208	3,164	15,017
23	Apparel and related products.....	463	292	31,509	91,441	140,903	143,124	2,287	35,375	145,390
24	Lumber and wood products.....	632	93	7,161	21,816	32,491	33,623	2,815	6,485	29,055
25	Furniture and fixtures.....	213	77	6,550	26,486	44,608	44,562	1,009	6,940	38,666
26	Pulp, paper and products.....	130	85	11,764	52,180	106,408	107,613	4,109	10,996	71,245
27	Printing and publishing.....	1,073	207	26,621	131,019	215,273	220,793	9,491	23,997	162,896
28	Chemicals and products.....	383	137	18,104	96,139	275,930	284,880	21,869	17,890	225,617
29	Petroleum and coal products.....	37	16	2,876	15,935	37,613	37,576	1,440	2,897	34,094
30	Rubber products.....	25	8	913	3,408	6,867	7,107	166	805	5,771
31	Leather and leather goods.....	180	143	35,874	101,320	188,290	188,640	1,473	36,719	171,449
32	Stone, clay, and glass products <sup>2</sup> .....	370	97	14,194	70,040	159,558	160,292	14,100	14,495	125,287
33	Primary metal industries.....	110	62	13,140	70,680	120,415	125,314	12,780	13,051	88,089
34	Fabricated metal products.....	568	189	25,686	129,196	227,244	229,420	8,643	24,652	181,838
35	Machinery, except electrical <sup>3</sup> .....	616	157	22,403	112,272	197,295	200,450	14,351	23,469	171,841
36	Electrical machinery.....	122	71	20,729	94,500	163,061	162,694	4,890	22,260	153,455
37	Transportation equipment.....	117	55	51,913	288,303	554,993	543,964	31,166	45,696	488,533
38	Instruments and related products.....	70	24	2,581	11,843	20,307	22,516	747	3,042	23,468
--	Administrative and auxiliary <sup>4</sup> .....	...	...	14,851	96,323	...	...	...	13,951	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MISSOURI, TOTAL.....	6,447	2,224	380,749	1,757,310	3,162,764	3,201,407	165,977	382,430	2,727,266
STANDARD METROPOLITAN STATISTICAL AREAS									
Kansas City (Missouri)-Kansas City (Kansas), total <sup>2</sup> .....	1,626	585	102,645	523,147	1,036,626	1,054,356	61,114	117,501	1,039,592
Portion in Missouri.....	1,315	469	78,902	397,734	734,109	752,633	48,295	80,821	659,603
Portion in Kansas.....	311	116	23,743	125,413	302,517	301,723	12,819	36,680	379,989
St. Joseph <sup>3</sup> .....	121	57	11,729	50,853	92,121	94,282	3,093	11,268	64,441
St. Louis, total <sup>4</sup> .....	3,143	1,254	256,381	1,320,832	2,328,033	2,337,629	152,488	266,872	2,088,315
Portion in Missouri.....	2,684	1,072	202,224	1,025,069	1,779,111	1,782,408	85,187	210,661	1,586,179
Portion in Illinois.....	459	182	54,157	295,763	548,922	555,212	67,301	56,211	502,136
Springfield <sup>5</sup> .....	182	58	8,506	32,950	80,744	82,744	3,727	6,682	48,283
COUNTIES <sup>6</sup>									
Adair.....	21	7	1,102	3,055	6,331	6,431	164	637	2,772
Audrain.....	35	12	2,976	14,314	26,038	26,758	2,207	3,439	22,335
Berry.....	32	10	912	2,650	5,452	5,510	251	748	4,153
Barton.....	14	4	584	2,390	4,521	4,909	52	622	4,785
Benton.....	7	4	271	729	1,039	1,024	82	78	303
Bollinger.....	15	3	312	746	800	804	40	233	771

See footnotes at end of table.

## MISSOURI

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MISSOURI--Continued									
COUNTIES <sup>a</sup> --Continued									
Boone.....	48	15	1,385	6,236	9,279	9,503	706	1,098	6,831
Buchanan.....	121	57	11,724	50,827	92,121	94,282	3,093	11,207	64,441
Butler.....	38	9	837	2,285	4,503	4,549	206	1,157	5,455
Callaway.....	14	7	1,034	3,394	7,159	7,315	368	1,180	7,499
Cape Girardeau.....	77	23	3,487	10,715	24,255	24,370	1,203	3,179	19,050
Carroll.....	14	3	255	895	2,137	2,183	173	235	940
Cass.....	24	7	489	1,493	1,756	1,641	55	430	1,871
Cedar.....	10	4	523	1,379	2,497	2,505	59	405	1,737
Clay.....	128	64	8,853	46,356	137,284	138,780	3,584	10,466	103,656
Cole.....	45	12	2,110	6,806	12,332	12,721	720	1,915	9,437
Cooper.....	22	6	885	2,469	4,262	4,554	60	813	2,577
Crawford.....	16	6	616	1,958	4,009	3,967	48	813	3,568
Daviess.....	10	2	309	665	952	968	17	238	800
Dent.....	21	2	624	1,444	3,184	3,240	69	711	3,111
Dunklin.....	25	7	707	1,669	3,028	3,131	222	922	3,040
Gasconade.....	14	6	1,480	3,896	8,355	8,201	102	1,323	7,540
Greene.....	182	58	8,506	32,950	80,744	82,744	3,727	6,682	48,283
Grundy.....	11	4	520	1,460	2,458	2,478	324	574	1,241
Henry.....	27	6	690	2,056	4,779	5,014	167	830	4,096
Howell.....	49	9	1,353	3,393	8,111	8,409	240	1,147	6,211
Iron.....	19	4	354	885	1,946	2,092	80	103	315
Jackson.....	1,187	405	67,310	334,333	596,825	613,852	44,711	68,137	555,946
Jasper.....	157	60	7,563	32,080	60,356	60,677	5,941	7,525	44,466
Jefferson.....	39	14	3,267	16,101	27,696	29,469	714	3,759	35,231
Johnson.....	21	10	993	3,036	5,105	5,156	103	700	2,740
Laclede.....	31	8	779	2,314	3,744	3,732	362	968	3,790
Lafayette.....	31	8	878	2,401	4,451	4,491	271	784	3,233
Lawrence.....	35	12	1,541	4,749	14,018	14,178	449	1,197	10,357
Lewis.....	8	1	259	848	1,302	1,297	181	243	930
Lincoln.....	12	4	411	1,102	2,108	2,101	47	531	2,151
Linn.....	17	4	683	1,808	4,150	4,276	162	734	3,655
Macon.....	18	4	857	2,033	3,386	3,625	73	418	1,211
Maries.....	7	5	410	1,079	2,314	2,304	68	375	1,791
Marion.....	43	18	2,502	7,371	12,880	13,389	323	2,579	12,979
Miller.....	27	8	928	2,401	4,096	4,059	304	342	1,967
Mississippi.....	16	3	613	1,705	2,538	2,510	23	640	2,374
Moniteau.....	15	5	766	2,100	3,097	3,203	72	656	2,329
Montgomery.....	15	4	343	1,302	2,274	2,623	118	291	1,251
Morgan.....	11	4	297	747	1,035	1,053	9	405	1,609
Newton.....	34	13	2,047	9,264	11,067	16,628	737	974	6,015
Osage.....	24	5	410	900	1,223	1,217	135	330	821
Pemiscot.....	25	6	809	2,264	5,259	5,262	230	828	4,334
Perry.....	22	6	1,196	2,862	6,199	6,197	229	1,110	5,960
Pettis.....	41	17	2,226	7,582	14,248	15,248	539	2,140	11,411
Phelps.....	22	5	965	2,766	5,449	5,484	145	815	4,332
Pike.....	21	10	1,162	3,926	9,483	9,492	1,114	829	3,833
Randolph.....	38	11	757	2,398	6,096	5,945	300	1,596	6,864
St. Charles.....	42	7	1,470	7,405	10,861	10,164	480	2,309	16,477
St. Francois.....	42	10	1,518	4,261	7,792	7,893	1,016	1,489	5,800
St. Louis.....	475	155	48,157	263,128	433,432	431,450	17,044	35,678	326,687
St. Louis City <sup>7</sup> .....	2,128	896	137,818	662,049	1,307,122	1,311,325	66,949	158,092	1,207,787
Saline.....	29	10	2,154	5,664	12,319	12,375	331	1,799	9,167
Scott.....	30	13	2,208	6,099	9,441	9,597	293	2,100	9,999
Shannon.....	20	3	317	954	1,725	1,700	38	346	1,721
Stoddard.....	30	10	1,609	3,759	7,252	7,481	245	1,204	4,648
Stone.....	9	3	550	1,086	1,255	1,290	53	368	699
Texas.....	43	8	1,213	2,946	7,043	6,904	308	945	4,578
Vernon.....	13	4	340	877	1,617	1,696	18	255	1,063
Warren.....	15	5	611	2,295	3,830	3,735	316	527	2,327
Washington.....	9	4	669	1,584	2,696	2,682	19	489	4,053
Wright.....	23	2	865	2,181	3,394	3,428	130	520	2,220

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.

<sup>2</sup>The Kansas City, Missouri-Kansas Standard Metropolitan Statistical Area consists of Clay and Jackson Counties, Missouri, and Johnson and Wyandotte Counties, Kansas.

<sup>3</sup>The St. Joseph, Missouri Standard Metropolitan Statistical Area consists of Buchanan County, Missouri.

<sup>4</sup>The St. Louis, Missouri-Illinois Standard Metropolitan Statistical Area consists of St. Louis City and Jefferson, St. Charles, and St. Louis Counties, Missouri; and Madison and St. Clair Counties, Illinois.

<sup>5</sup>The Springfield, Missouri Standard Metropolitan Statistical Area consists of Greene County, Missouri.

<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas, or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

<sup>7</sup>Independent city.



## 1958 CENSUS OF MANUFACTURES

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 and 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
KANSAS CITY (MISSOURI) KANSAS CITY (KANSAS) STANDARD METROPOLITAN STATISTICAL AREA (Consists of Clay and Jackson Counties, Missouri; Johnson and Wyandotte Counties, Kansas)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,626	2585	102,645	523,147	1,036,626	1,054,356	61,114	115,132	1,039,592
20	Food and kindred products.....	191	101	17,331	86,734	191,156	197,429	7,077	18,819	152,218
24	Lumber and wood products.....	43	9	988	4,179	5,932	6,082	120	980	6,372
25	Furniture and fixtures.....	72	24	1,702	7,227	14,250	14,533	264	1,448	10,626
26	Pulp, paper and products.....	51	35	4,209	19,049	34,470	35,020	2,634	3,485	26,036
27	Printing and publishing.....	294	68	9,592	46,355	84,341	88,666	4,774	8,569	62,192
28	Chemicals and products.....	122	42	5,382	31,385	109,990	113,600	5,089	9,137	101,027
31	Leather and leather goods.....	13	6	966	2,981	4,688	4,743	94	934	4,785
32	Stons, clay, and glass products <sup>3</sup> .....	77	28	3,815	19,263	48,991	49,510	5,522	2,948	30,159
33	Primary metal industries.....	42	20	5,933	36,852	72,097	73,059	10,596	6,209	51,206
34	Fabricated metal products.....	188	56	7,751	39,496	60,688	61,876	3,347	6,783	46,484
35	Machinery, except electrical <sup>3</sup> .....	170	38	5,243	26,507	46,578	47,915	3,312	4,680	35,284
36	Electrical machinery.....	50	25	2,774	11,218	18,902	19,754	594	4,620	26,287
37	Transportation equipment.....	30	18	12,676	70,839	196,840	196,122	8,326	27,300	368,580
38	Instruments and related products.....	20	7	510	2,029	3,322	3,319	75	500	2,652
39	Miscellaneous manufactures (including Ordnance).....	102	30	10,317	57,060	65,158	62,493	6,844	6,738	36,234
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,896	17,973	...	...	...	2,921	...
ST. LOUIS STANDARD METROPOLITAN STATISTICAL AREA (Consists of St. Louis City, Jefferson, St. Charles, and St. Louis Counties, Missouri; Madison and St. Clair Counties, Illinois)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	23,143	21,254	256,381	1,320,832	2,328,033	2,337,620	152,488	266,872	2,088,315
20	Food and kindred products.....	407	170	30,682	166,550	339,811	348,201	17,697	(5)	(5)
22	Textile mill products.....	23	13	2,150	6,951	10,388	10,329	154		
23	Apparel and related products.....	237	130	12,117	37,351	65,140	66,668	1,157		
24	Lumber and wood products.....	95	31	1,943	8,039	11,792	12,334	474		
25	Furniture and fixtures.....	108	42	4,655	19,519	31,957	31,866	574		
26	Pulp, paper and products.....	84	58	7,809	37,205	64,399	65,112	5,542		
27	Printing and publishing.....	472	112	13,797	74,390	112,670	113,990	3,285		
28	Chemicals and products.....	249	101	16,633	90,740	256,512	262,593	21,059		
29	Petroleum and coal products.....	27	13	7,009	43,193	99,766	96,494	30,292		
31	Leather and leather goods.....	83	54	10,131	34,771	46,811	46,565	720		
32	Stone, clay, and glass products <sup>3</sup> .....	166	60	10,129	51,826	115,808	115,388	7,651		
33	Primary metal industries.....	86	59	21,091	117,675	186,591	198,507	13,903		
34	Fabricated metal products.....	357	135	18,517	93,425	172,204	173,751	5,804		
35	Machinery, except electrical <sup>3</sup> .....	386	117	17,772	93,839	165,004	164,317	13,844		
36	Electrical machinery.....	73	41	15,347	75,300	128,814	126,756	3,693		
37	Transportation equipment.....	51	24	41,306	232,876	403,742	385,584	23,772		
38	Instruments and related products.....	41	13	1,759	8,439	13,109	14,219	542		
39	Miscellaneous manufactures (including Ordnance).....	178	72	10,553	45,141	91,228	92,469	2,100		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	11,792	78,093	...	...	...		

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

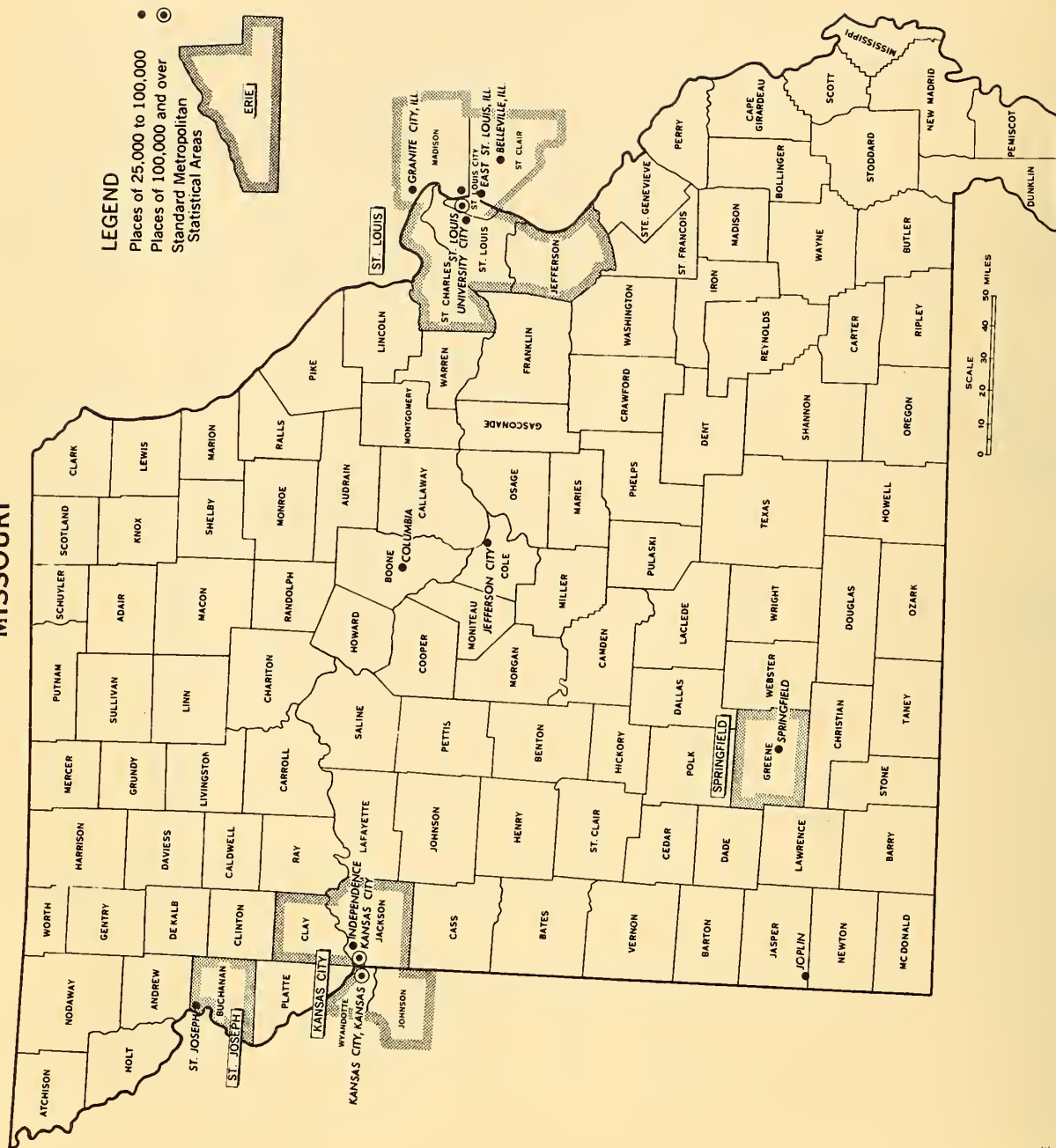
<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

<sup>5</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary report. The definition of the standard metropolitan statistical area has been revised since 1954 to include Jefferson County in addition to the four counties and one city previously included in this area.

## MISSOURI









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

February 1960

MC(P)-S25

### MONTANA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	917	868	+6
20 or more employees.....	do.....	173	172	+1
All employees:				
Number.....	Thousands.....	20.1	18.5	+9
Payroll.....	Million dollars	93.8	72.1	+30
Value added by manufacture:				
Unadjusted.....	do.....	185.6	141.2	+31
Adjusted.....	do.....	185.2	(NA)	(NA)
Capital expenditures, new.....	do.....	19.9	20.6	-3

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.



Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1,3</sup> .....	2917	2173	20,095	93,754	185,632	185,163	19,884	18,519	141,234
20	Food and kindred products.....	206	51	3,951	16,738	38,860	40,225	2,068	4,088	31,888
24	Lumber and wood products.....	390	62	6,662	29,183	47,748	47,498	6,671	6,192	40,751
27	Printing and publishing.....	110	21	1,774	8,185	12,741	12,775	1,348	1,553	9,912
28	Chemicals and products.....	19	4	919	4,560	8,875	8,660	901	837	5,833
32	Stone, clay, and glass products.....	55	6	699	3,138	8,029	8,319	685	499	5,937
34	Fabricated metal products.....	29	6	317	1,557	2,174	2,421	149	200	1,137
--	Administrative and auxiliary.....	...	...	122	788	...	...	...	146	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the total for the State.

Table 3.--GENERAL STATISTICS FOR THE STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
MONTANA, TOTAL.....	917	173	20,095	93,754	185,632	185,163	19,884	18,519	141,234
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)									
COUNTIES <sup>2</sup>									
Cascade.....	56	21	2,720	12,725	43,329	35,864	1,309	2,559	27,382
Flathead.....	113	17	1,860	9,276	8,915	13,521	2,088	1,349	8,394
Gallatin.....	41	10	767	3,130	9,463	9,678	453	659	6,218
Lewis and Clark.....	37	10	721	3,445	5,762	4,436	354	842	6,437
Lincoln.....	80	6	1,430	6,810	11,614	10,714	1,540	1,417	11,507
Missoula.....	83	22	2,678	11,866	20,786	20,775	2,725	2,273	15,774
Ravalli.....	25	5	296	1,213	2,071	2,012	260	302	2,231
Sanders.....	32	8	527	2,375	3,389	3,200	336	555	3,496
Silver Bow.....	48	14	1,095	5,363	11,317	11,445	1,073	1,151	7,831
Yellowstone.....	97	24	2,626	13,936	32,906	33,851	5,304	2,410	22,058

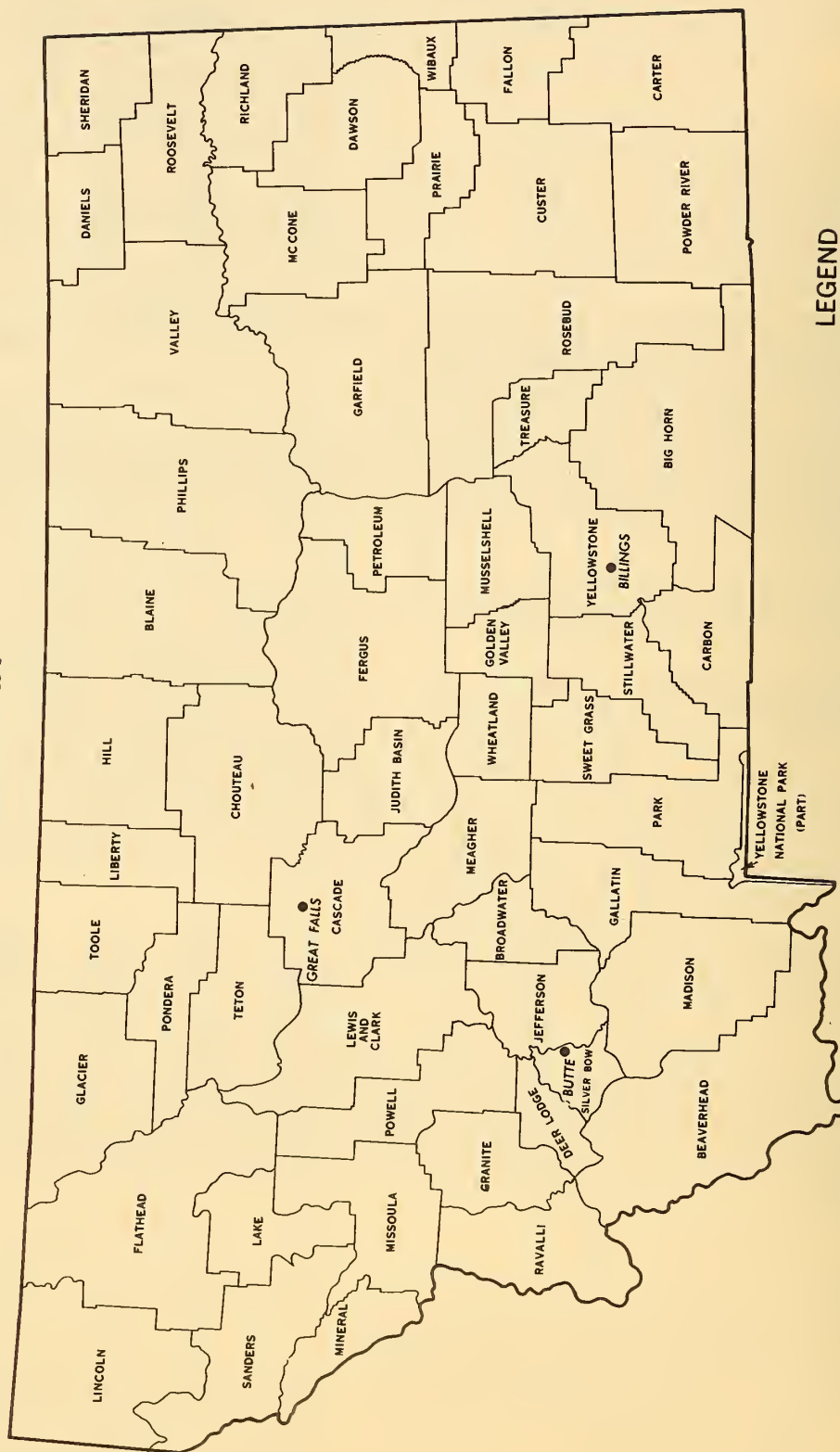
<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see footnote 4 on Table 2.

<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

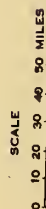
(This State contained no standard metropolitan statistical areas with 40,000 or more manufacturing employees in 1958 or 1954)

## MONTANA



## LEGEND

Places of 25,000 to 100,000 •









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S26

### NEBRASKA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
<b>Number of establishments:</b>				
Total.....	Number.....	1,536	1,423	+8
20 or more employees.....	do.....	411	378	+9
<b>All employees:</b>				
Number.....	Thousands.....	58.7	59.4	-1
Payroll.....	Million dollars	264.8	227.6	+16
<b>Value added by manufacture:</b>				
Unadjusted.....	do.....	507.7	394.2	+29
Adjusted.....	do.....	537.1	(NA)	(NA)
<b>Capital expenditures, new.....</b>	do.....	48.6	36.4	+34

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,536	2411	58,653	264,808	507,689	537,099	48,647	59,381	394,222
20	Food and kindred products.....	484	166	27,522	127,161	253,450	261,725	12,883	27,730	197,635
23	Apparel and related products.....	38	15	1,533	3,935	7,732	7,690	131	1,493	6,723
24	Lumber and wood products.....	39	11	820	3,217	3,998	4,345	198	1,126	4,604
25	Furniture and fixtures.....	38	11	1,030	4,850	7,906	8,038	147	1,025	6,467
27	Printing and publishing.....	355	44	5,072	22,888	40,044	40,867	(D)	4,816	32,881
28	Chemicals and products.....	77	22	2,114	10,060	30,231	31,788	1,075	1,645	14,834
32	Stone, clay, and glass products <sup>2</sup> .....	98	20	1,823	7,485	22,756	22,476	3,267	1,355	15,165
33	Primary metal industries.....	14	7	1,103	5,752	8,754	18,456	128	643	5,988
34	Fabricated metal products.....	88	25	3,152	16,430	30,440	33,671	1,641	2,652	17,345
35	Machinery, except electrical <sup>3</sup> .....	138	35	3,505	14,815	33,129	33,076	1,459	3,142	19,795
36	Electrical machinery.....	24	10	3,354	14,404	19,993	22,805	(D)	2,227	17,969
37	Transportation equipment.....	25	12	2,064	9,357	15,760	16,719	982	1,255	7,129
39	Miscellaneous manufactures (including Ordnance).....	74	15	2,025	7,283	12,717	13,161	468	6,057	34,909
--	Administrative and auxiliary <sup>4</sup> .....	...	...	885	6,090	...	...	...	2,385	...

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment (a) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the total for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees <sup>1</sup> , number	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEBRASKA, TOTAL.....	1,536	411	58,653	264,808	507,689	537,099	48,647	59,381	394,222
STANDARD METROPOLITAN STATISTICAL AREAS									
Lincoln <sup>2</sup> .....	156	53	8,660	39,088	71,744	74,466	2,631	8,681	63,898
Omaha <sup>3</sup> .....	569	210	33,069	160,690	293,006	314,711	35,565	32,724	213,792
Portion in Nebraska.....	499	188	31,087	152,969	278,665	300,980	34,732	31,106	204,364
Portion in Iowa.....	70	22	1,982	7,721	14,341	13,731	833	1,618	9,428
COUNTIES <sup>4</sup>									
Adams.....	44	16	1,067	4,401	7,981	7,894	444	1,071	7,946
Buffalo.....	30	9	637	2,173	7,025	7,924	774	412	1,891
Dawson.....	38	7	465	2,041	5,257	5,225	598	592	4,815
Dodge.....	48	11	2,233	10,001	17,718	18,308	830	1,586	8,819
Gage.....	16	8	1,072	3,992	8,397	8,974	176	1,217	8,222
Hall.....	49	15	968	3,949	8,362	8,683	521	2,274	10,793
Johnson.....	9	1	358	1,121	2,653	2,614	131	242	1,137
Lancaster.....	156	53	8,518	38,242	71,744	74,466	2,631	8,681	63,898
Lincoln.....	25	5	465	2,022	3,921	3,930	249	369	2,241
Madison.....	29	6	529	1,662	4,662	4,454	256	552	3,506
Nemaha.....	10	2	332	897	1,319	1,182	37	218	918
Otoe.....	15	7	768	2,796	6,125	6,397	454	764	3,872
Platte.....	34	13	2,191	9,479	19,271	21,312	1,122	1,011	5,285
Saline.....	16	4	567	2,250	3,622	3,832	422	531	4,053
Scotts Bluff.....	50	13	1,337	6,235	13,871	14,635	828	1,259	11,228
Seward.....	12	3	405	1,316	1,878	1,813	48	372	1,527
Washington.....	15	2	250	895	1,366	1,717	59	407	2,026

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For definition of these units see footnote 4 to table 2.

<sup>2</sup>The Lincoln Standard Metropolitan Statistical Area consists of Lancaster County, Nebraska.

<sup>3</sup>The Omaha Standard Metropolitan Statistical Area consists of Douglas and Sarpy Counties, Nebraska; and Pottawattamie County, Iowa.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY INDUSTRY GROUPS: 1958 AND 1954

(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954)



## NEBRASKA



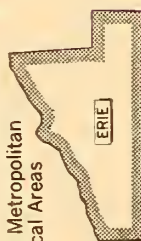
## LEGEND

### Places of 25,000 to 100,000

### Places of 100,000 and over

## Standard Metropolitan

## Statistical Areas



ERIE

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS





**DEPARTMENT OF COMMERCE**  
**BUREAU OF THE CENSUS**  
**WASHINGTON 25, D. C.**

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**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID**  
**U. S. DEPARTMENT OF COMMERCE**







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

February 1960

MC(P)-S27

### NEVADA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

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Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	206	177	+16
20 or more employees.....	..do.....	45	42	+7
All employees:				
Number.....	Thousands.....	5.0	5.7	-12
Payroll.....	Million dollars	26.9	25.3	-6
Value added by manufacture:				
Unadjusted.....	..do.....	69.0	62.7	+10
Adjusted.....	..do.....	69.0	(NA)	(NA)
Capital expenditures, new.....	..do.....	5.2	4.9	-6

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

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Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



## NEVADA

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Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
	ALL INDUSTRIES, TOTAL <sup>1,2</sup> .....	206	45	4,979	26,866	69,003	69,043	5,156	62,672
20	Food and kindred products.....	45	13	769	3,870	8,062	8,310	654	7,484
24	Lumber and wood products.....	17	4	504	2,310	3,584	3,526	91	3,462
27	Printing and publishing.....	44	5	669	3,442	6,268	6,285	28	4,847
32	Stone, clay, and glass products <sup>2</sup> .....	30	10	941	5,396	14,780	14,779	1,738	9,696

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>3</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
NEVADA, TOTAL.....	206	45	4,979	26,866	69,003	69,043	5,156	62,672
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)								
COUNTIES <sup>2</sup>								
Clerk.....	71	16	2,380	13,686	38,888	37,883	2,728	39,169
Washoe.....	92	24	1,891	9,490	18,151	19,314	1,120	13,974

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see footnote <sup>3</sup> to Table 2.

<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY INDUSTRY GROUPS: 1958 AND 1954

(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954)

# NEVADA









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

February 1960

MC(P)-S28

### NEW HAMPSHIRE

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	1,454	1,609	-
20 or more employees.....	...do.....	497	499	+1
All employees:				
Number.....	Thousands.....	79.9	77.3	+3
Payroll.....	Million dollars	302.0	246.7	+22
Value added by manufacture:				
Unadjusted.....	...do.....	490.8	408.8	+20
Adjusted.....	...do.....	494.7	(NA)	(NA)
Capital expenditures, new.....	...do.....	24.5	18.5	+32

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

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The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget. USCOMM--DC--



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(See text for explanation of column captions)

Code	Major Industry Group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	NEW HAMPSHIRE, TOTAL <sup>1</sup> .....	21,454	2,499	79,892	301,982	490,838	494,675	24,543	77,332	408,826
20	Food and kindred products.....	161	41	3,096	11,447	18,750	20,382	2,489	2,816	17,478
22	Textile mill products.....	97	70	12,963	44,499	70,394	69,635	2,467	13,762	67,799
23	Apparel and related products.....	37	22	1,512	4,054	5,931	5,931	78	1,147	3,749
24	Lumber and wood products.....	432	66	5,437	18,225	25,359	24,935	2,888	6,237	24,478
25	Furniture and fixtures.....	48	19	1,670	6,119	9,793	9,695	1,599	1,873	9,537
26	Pulp, paper and products.....	47	36	6,252	29,196	58,660	59,756	3,321	6,254	45,133
27	Printing and publishing.....	135	27	3,115	14,220	21,807	22,644	959	2,975	18,624
30	Rubber products.....	6	4	949	3,498	6,920	6,879	532	506	3,465
31	Leather and leather goods.....	118	86	20,589	67,053	98,511	98,951	1,161	21,013	86,400
32	Stone, clay, and glass products <sup>3</sup> .....	62	14	1,453	6,032	11,125	11,223	800	1,609	10,146
33	Primary metal industries.....	15	9	758	3,338	4,937	4,898	112	586	3,321
34	Fabricated metal products.....	62	21	1,826	7,477	12,524	12,645	321	1,847	12,003
35	Machinery, except electrical <sup>3</sup> .....	90	22	7,188	32,651	60,009	60,036	3,357	6,521	46,655
36	Electrical machinery.....	39	27	8,443	35,130	64,608	64,542	3,357	6,913	46,518
39	Miscellaneous manufactures (including Ordinance).....	60	22	2,532	8,175	13,670	14,510	805	2,040	7,487
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,173	4,437	...	...	...	261	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas, or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, and repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and county	1958						1954		
	Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEW HAMPSHIRE, TOTAL.....	1,454	499	79,892	301,982	490,838	494,675	24,543	77,332	408,826
STANDARD METROPOLITAN STATISTICAL AREAS									
Lawrence-Haverhill <sup>2</sup> .....	465	233	36,378	149,214	248,487	244,345	15,105	(NA)	(NA)
Manchester <sup>3</sup> .....	236	103	18,132	63,662	105,608	98,726	3,634	18,702	92,808
COUNTIES <sup>4</sup>									
Belknap.....	86	27	3,686	15,015	27,819	26,368	1,117	3,844	21,367
Carroll.....	67	11	827	2,435	4,126	4,255	255	816	3,105
Cheshire.....	138	52	6,986	27,036	45,443	46,143	4,631	6,006	34,971
Cooks.....	104	25	4,939	19,939	39,912	40,006	2,899	5,297	33,288
Grafton.....	132	36	4,231	15,242	24,360	24,765	622	3,901	17,797
Hillsborough.....	399	182	32,514	120,523	190,525	192,328	7,293	31,616	166,355
Merrimack.....	163	56	5,908	21,574	34,092	35,745	2,355	5,648	26,660
Rockingham.....	159	38	6,319	22,704	35,980	36,501	2,943	5,852	28,229
Strafford.....	121	52	10,451	38,789	66,497	67,218	1,354	10,505	57,512
Sullivan.....	73	19	2,766	10,919	20,507	20,603	1,062	3,581	19,536

NA Not available.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.

<sup>2</sup>The Lawrence-Haverhill Standard Metropolitan Statistical Area consists of Lawrence and Haverhill cities and Andover, Groveland, Methuen and North Andover towns in Essex County Massachusetts and Plaistow and Salem towns in Rockingham County, New Hampshire.

<sup>3</sup>The Manchester New Hampshire Standard Metropolitan Statistical Area consists of Manchester City and Goffstown town in Hillsborough County, New Hampshire.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because there were thirteen small establishments with total employment of approximately two hundred for which the correct county codes were not available in time for this report. The county data will be corrected for the final State report.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(The State of Maine contains no standard metropolitan statistical areas with 40,000 or more manufacturing employees)

# NEW HAMPSHIRE

## LEGEND

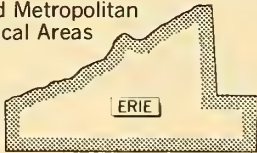
Places of 25,000 to 100,000



Places of 100,000 and over



Standard Metropolitan  
Statistical Areas









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S29

### NEW JERSEY

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.

This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

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Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	14,042	13,183	+7
20 or more employees.....	...do.....	5,012	4,748	+6
All employees:				
Number.....	Thousands.....	797.5	812.4	-2
Payroll.....	Million dollars	4,069.6	3,507.1	+16
Value added by manufacture:				
Unadjusted.....	...do.....	7,576.1	6,331.2	+20
Adjusted.....	...do.....	7,560.4	(NA)	(NA)
Capital expenditures, new.....	...do.....	430.9	359.8	+20

NA Not available.



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Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

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USCOMM--DC--



## NEW JERSEY

3

Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL.....	14,042	15,012	797,524	4,069,636	7,576,059	7,560,443	430,894	812,445	6,331,178
20	Food and kindred products.....	1,149	419	60,678	306,647	763,485	786,391	37,749	60,172	650,466
21	Tobacco manufactures.....	11	7	1,829	5,685	17,196	17,167	301	3,856	32,993
22	Textile mill products.....	706	338	35,967	156,228	249,930	242,022	9,575	46,117	275,622
23	Apparel and related products.....	2,458	1,025	75,359	228,416	392,848	394,984	8,236	77,872	318,725
24	Lumber and wood products.....	328	54	4,656	18,029	30,362	31,015	1,523	5,284	28,759
25	Furniture and fixtures.....	406	95	8,987	39,967	65,918	66,919	1,884	8,558	56,322
26	Pulp, paper and products.....	343	211	27,521	139,280	263,670	263,995	16,184	25,419	206,225
27	Printing and publishing.....	1,188	235	30,619	161,700	290,446	289,171	12,562	24,630	176,551
28	Chemicals and products.....	1,014	421	81,267	483,515	1,446,573	1,467,071	123,174	81,731	1,121,765
29	Petroleum and coal products.....	78	33	11,389	72,584	127,619	107,046	51,004	16,346	145,976
30	Rubber products.....	113	60	12,556	63,332	106,528	106,904	3,505	14,083	96,467
31	Leather and leather goods.....	181	108	11,310	41,302	63,883	63,789	1,285	11,275	56,178
32	Stone, clay, and glass products <sup>2</sup> .....	554	208	32,583	156,080	302,382	304,449	16,626	31,250	221,271
33	Primary metal industries.....	323	169	33,480	182,803	325,465	334,678	20,605	37,095	292,740
34	Fabricated metal products.....	1,447	421	52,345	269,277	492,387	490,969	19,121	51,196	419,672
35	Machinery, except electrical <sup>2</sup> .....	1,669	394	68,359	371,895	621,604	608,066	28,100	68,786	528,527
36	Electrical machinery.....	655	306	105,551	550,227	925,950	889,114	37,376	103,452	774,794
37	Transportation equipment.....	236	97	54,919	318,492	602,912	604,103	15,054	54,235	481,257
38	Instruments and related products.....	207	72	23,034	134,327	216,664	218,849	11,974	25,863	194,243
39	Miscellaneous manufactures (including Ordnance).....	976	339	36,155	154,242	270,237	273,741	15,056	40,365	252,617
—	Administrative and auxiliary <sup>3</sup> .....	...	...	28,960	215,608	...	...	...	24,852	...

<sup>1</sup>Does not include the number of administrative and auxiliary units.<sup>2</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>3</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEW JERSEY, TOTAL.....	14,042	5,012	797,524	4,069,636	7,576,059	7,560,443	430,894	812,445	6,331,178
STANDARD METROPOLITAN STATISTICAL AREAS									
Allentown-Bethlehem-Easton, total <sup>2</sup> .....	1,009	542	95,352	434,253	704,062	695,553	45,288	94,208	593,489
Portion in New Jersey.....	126	54	11,149	50,539	90,088	85,739	9,818	10,069	71,059
Portion in Pennsylvania.....	883	488	84,203	383,714	613,974	609,814	35,470	84,139	522,430
Atlantic City <sup>3</sup> .....	268	84	7,170	23,302	38,813	38,844	1,783	6,202	28,384
Jersey City <sup>4</sup> .....	2,401	806	124,531	622,971	1,213,446	1,216,339	48,383	136,639	1,119,182
Newark <sup>5</sup> .....	4,425	1,596	244,305	1,276,507	2,316,123	2,308,797	122,869	254,734	4,982,698
New York-Northeastern New Jersey (Consolidated area) <sup>6</sup> .....	50,538	15,747	1,805,147	9,008,381	15,293,350	15,403,046	606,914	1,838,401	13,115,922
Paterson-Clifton-Passaic <sup>7</sup> .....	3,346	1,143	161,347	812,668	1,517,781	1,505,808	49,636	157,169	1,162,689
Philadelphia, total <sup>8</sup> .....	8,137	3,162	538,527	2,739,096	4,845,268	4,837,375	289,949	564,172	4,023,700
Portion in New Jersey.....	986	325	72,097	398,041	690,140	693,800	57,560	72,694	539,271
Portion in Pennsylvania.....	7,151	2,837	466,430	2,341,055	4,155,128	4,143,575	232,389	491,478	3,484,429
Trenton <sup>9</sup> .....	446	188	36,858	185,647	342,391	335,118	11,620	39,517	302,999
Wilmington, total <sup>10</sup> .....	368	153	56,625	372,043	455,168	451,659	33,093	53,089	387,324
Portion in New Jersey.....	62	22	10,481	67,736	144,332	143,039	13,046	10,641	135,707
Portion in Delaware.....	306	131	46,144	304,307	310,836	308,620	20,047	42,448	251,617
COUNTIES <sup>11</sup>									
Atlantic.....	268	84	7,170	23,302	38,813	38,844	1,783	6,202	28,384
Bergen.....	1,793	565	82,151	430,966	842,049	843,987	27,956	82,818	654,901
Burlington.....	267	94	15,261	80,090	175,194	175,443	9,495	13,353	99,419
Camden.....	557	177	43,780	238,803	420,709	427,168	21,488	46,283	368,045
Cape May.....	66	20	1,464	4,890	11,600	11,466	1,789	1,471	8,434
Cumberland.....	266	124	19,893	78,258	135,576	139,434	6,642	18,350	109,242
Essex.....	2,776	985	127,178	624,205	1,130,157	1,135,408	46,752	143,101	1,067,606
Gloucester.....	162	54	9,503	49,576	94,237	91,189	26,577	9,484	71,805
Hudson.....	2,401	806	121,126	596,705	1,213,446	1,216,339	48,383	133,063	1,119,182
Hunterdon.....	106	42	4,524	19,615	41,394	42,489	2,434	3,540	24,027
Mercer.....	446	188	35,578	174,907	342,391	335,118	11,620	38,289	302,999
Middlesex.....	707	344	64,176	334,775	721,890	727,798	63,514	65,529	608,462
Monmouth.....	463	152	14,573	59,333	111,106	108,996	(D)	14,014	96,556
Morris.....	416	128	22,377	116,172	270,337	272,997	15,312	17,650	160,471
Passaic.....	1,553	578	76,681	366,363	675,732	661,821	21,680	72,310	507,788
Salem.....	62	22	10,481	67,736	144,332	143,039	13,046	10,641	135,707
Somerset.....	149	65	18,049	97,765	172,872	172,663	11,357	15,669	127,265
Union.....	1,233	483	78,903	421,434	915,629	900,392	60,805	81,174	736,896
Warren.....	126	54	11,142	50,507	90,088	85,739	9,818	10,051	71,059

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 3 to table 2.<sup>2</sup>The Allentown-Bethlehem-Easton Standard Metropolitan Statistical Area consists of Lehigh and Northampton Counties, Pennsylvania; and Warren County, New Jersey.<sup>3</sup>The Atlantic City Standard Metropolitan Statistical Area consists of Atlantic County, New Jersey.<sup>4</sup>The Jersey City Standard Metropolitan Statistical Area consists of Hudson County, New Jersey.<sup>5</sup>The Newark Standard Metropolitan Statistical Area consists of Essex, Morris, and Union Counties, New Jersey.<sup>6</sup>The New York-Northeastern New Jersey Standard Metropolitan Statistical Area consists of New York City (Bronx, Kings, New York, Queens, and Richmond Counties); Nassau, Rockland, Suffolk, and Westchester Counties, New York; Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union Counties, New Jersey. This area is a consolidation of the New York, Newark, Jersey City, Paterson-Clifton-Passaic Standard Metropolitan Areas plus Middlesex and Somerset Counties, New Jersey.<sup>7</sup>The Paterson-Clifton-Passaic Standard Metropolitan Statistical Area consists of Bergen and Passaic Counties, New Jersey.<sup>8</sup>The Philadelphia Standard Metropolitan Statistical Area consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania; and Burlington, Camden, and Gloucester Counties, New Jersey.<sup>9</sup>The Trenton Standard Metropolitan Statistical Area consists of Mercer County, New Jersey.<sup>10</sup>The Wilmington Standard Metropolitan Statistical Area consists of New Castle County, Delaware; and Salem County, New Jersey.<sup>11</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954  
(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		ALLENTOWN-BETHLEHEM-EASTON STANDARD METROPOLITAN STATISTICAL AREA ("All manufacturing" totals for the Allentown-Bethlehem-Easton Standard Metropolitan Statistical Area (which consists of Warren County, New Jersey; Lehigh and Northampton Counties, Pennsylvania) appear in Table 3. Industry group statistics for this area are shown in the 1958 Census of Manufactures preliminary report for the State of Pennsylvania.)									
		JERSEY CITY STANDARD METROPOLITAN STATISTICAL AREA (Consists of Hudson County, New Jersey)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,401	2806	124,531	622,971	1,213,446	1,216,339	43,383	136,639	1,119,182	
20	Food and kindred products.....	148	55	10,260	53,903	198,377	204,214	6,770	10,882	181,635	
22	Textile mill products.....	147	78	5,541	22,820	37,535	36,080	1,661	5,515	35,525	
24	Lumber and wood products.....	33	5	529	2,152	3,380	3,629	151	486	3,302	
25	Furniture and fixtures.....	67	18	1,806	7,547	11,706	11,874	215	1,753	10,197	
26	Pulp, paper and products.....	59	38	5,583	26,502	50,349	50,486	1,644	6,413	49,426	
27	Printing and publishing.....	99	22	4,581	28,334	41,234	41,261	1,218	4,740	35,254	
28	Chemicals and products.....	155	70	9,666	55,788	154,521	157,999	5,628	12,894	149,708	
31	Leather and leather goods.....	29	16	1,817	6,500	8,520	8,570	132	1,750	7,530	
32	Stone, clay, and glass products <sup>3</sup> .....	33	12	1,288	6,108	11,427	12,111	191	2,617	13,834	
33	Primary metal industries.....	41	22	4,585	26,552	50,462	54,462	2,021	4,357	37,816	
34	Fabricated metal products.....	162	58	8,978	45,630	78,941	81,346	4,267	8,200	62,097	
35	Machinery, except electrical <sup>4</sup> .....	156	43	11,199	64,980	139,464	133,619	2,104	13,493	125,916	
36	Electrical machinery.....	66	36	24,395	125,103	200,623	187,154	7,551	24,271	182,252	
38	Instruments and related products.....	18	7	935	4,489	6,279	7,833	39	1,235	6,979	
39	Miscellaneous manufactures (including Ordnance).....	137	58	6,038	25,249	40,916	42,519	1,648	6,854	40,088	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	3,405	26,266	...	...	...	3,576	...	
		NEWARK STANDARD METROPOLITAN STATISTICAL AREA (Consists of Essex, Morris, and Union Counties, New Jersey)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	24,425	21,596	244,305	1,276,507	2,316,123	2,308,797	122,869	254,734	1,964,973	
20	Food and kindred products.....	294	120	23,450	127,446	261,403	269,147	10,062	}	(5)	
22	Textile mill products.....	85	35	4,096	18,261	33,074	32,332	1,289			
24	Lumber and wood products.....	89	20	1,276	5,056	8,356	8,334	433			
25	Furniture and fixtures.....	142	24	3,256	14,110	25,453	25,259	651			
26	Pulp, paper and products.....	110	66	6,732	34,637	68,797	69,194	5,343			
27	Printing and publishing.....	416	74	9,294	47,528	89,113	87,203	3,752			
28	Chemicals and products.....	385	155	26,889	157,745	517,798	531,596	31,621			
31	Leather and leather goods.....	82	48	4,420	15,986	27,823	27,850	640			
32	Stone, clay, and glass products <sup>3</sup> .....	94	36	2,820	14,505	30,484	31,346	1,686			
33	Primary metal industries.....	135	63	8,529	47,724	93,979	90,313	4,514			
34	Fabricated metal products.....	608	172	18,367	94,912	163,132	163,129	5,644			
35	Machinery, except electrical <sup>4</sup> .....	680	170	31,452	167,881	297,464	256,600	15,581			
36	Electrical machinery.....	305	149	32,003	154,611	266,696	259,009	13,173	}	(5)	
37	Transportation equipment.....	46	25	14,723	91,512	158,411	160,728	5,268			
38	Instruments and related products.....	86	30	4,509	21,460	41,795	36,797	959			
39	Miscellaneous manufactures (including Ordnance).....	420	152	15,192	66,739	123,529	124,547	6,804			
--	Administrative and auxiliary <sup>4</sup> .....	...	...	15,847	114,696	...	...	...	...	...	

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		NEW YORK-NORTHEASTERN NEW JERSEY STANDARD METROPOLITAN STATISTICAL AREA (Consists of New York City (Bronx, Kings, New York, Queens, and Richmond Counties); Nassau, Rock- land, Suffolk, and Westchester Counties, New York; Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union Counties, New Jersey. This area is a consolidation of the New York, Newark, Jersey City, Paterson-Clifton-Passaic Standard Metropolitan Areas plus Middlesex and Somerset Counties, New Jersey).								
	ALL INDUSTRIES, TOTAL.....	250,538	215,747	1,805,147	9,008,381	15,293,350	15,403,046	606,914	1,838,401	13,115,922
20	Food and kindred products.....	2,445	841	129,618	670,173	1,548,815	1,567,171	66,769	131,941	1,311,587
21	Tobacco manufactures.....	59	9	1,764	5,433	14,339	15,006	251	3,384	31,188
22	Textile mill products.....	2,168	870	65,767	273,823	487,964	487,422	21,575	71,858	452,677
23	Apparel and related products.....	15,792	5,833	365,330	1,309,487	2,325,103	2,368,802	48,978	394,421	2,073,737
24	Lumber and wood products.....	761	127	9,804	41,131	65,952	67,532	3,008	10,571	61,874
25	Furniture and fixtures.....	1,739	366	31,228	140,585	230,051	233,058	7,125	31,007	198,459
26	Pulp, paper and products.....	1,042	488	52,821	252,147	463,606	466,146	22,366	50,117	374,489
27	Printing and publishing.....	6,031	1,293	171,414	985,242	1,898,028	1,913,054	63,250	159,206	1,511,833
28	Chemicals and products.....	1,968	641	102,643	580,774	1,835,024	1,865,897	89,698	102,183	1,390,154
29	Petroleum and coal products.....	108	38	8,540	56,719	109,014	93,557	38,299	13,446	127,143
30	Rubber products.....	154	51	9,194	46,870	76,442	78,120	2,671	11,365	78,542
31	Leather and leather goods.....	1,341	506	44,340	153,425	244,720	248,874	5,275	42,544	207,258
32	Stone, clay, and glass products <sup>3</sup> .....	929	244	24,478	121,561	235,102	241,487	9,625	23,495	177,730
33	Primary metal industries.....	559	224	36,696	200,103	357,894	364,245	23,638	39,402	314,622
34	Fabricated metal products.....	3,888	1,082	99,921	489,615	843,979	854,304	34,756	99,351	725,915
35	Machinery, except electrical <sup>3</sup> .....	3,155	644	90,617	485,516	818,988	815,501	35,624	91,678	700,321
36	Electrical machinery.....	1,495	660	142,443	681,574	1,170,284	1,143,454	44,582	131,616	955,289
37	Transportation equipment.....	441	179	94,115	567,555	1,008,128	995,321	25,516	109,987	1,011,416
38	Instruments and related products.....	859	243	52,903	302,470	473,925	486,107	16,774	51,857	389,081
39	Miscellaneous manufactures (including Ordnance).....	5,604	1,408	146,985	647,938	1,085,992	1,098,008	47,134	162,540	1,022,607
--	Administrative and auxiliary <sup>4</sup> .....	...	...	124,526	996,242	...	...	...	106,432	...
		PATERSON-CLIFTON-PASSAIC STANDARD METROPOLITAN STATISTICAL AREA (Consists of Bergen and Passaic Counties, New Jersey)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	23,346	21,143	161,347	812,668	1,517,781	1,505,808	49,636	157,169	1,162,689
20	Food and kindred products.....	185	61	7,080	34,094	88,216	91,033	4,153	5,846	56,080
22	Textile mill products.....	364	159	16,715	75,881	121,403	117,034	3,384	24,888	143,124
24	Lumber and wood products.....	50	7	588	2,465	4,180	4,374	260	772	4,224
25	Furniture and fixtures.....	107	34	2,082	10,032	14,734	15,208	561	1,564	9,691
26	Pulp, paper and products.....	99	56	6,983	37,484	66,907	67,561	2,856	6,013	47,889
27	Printing and publishing.....	300	70	9,016	46,912	90,058	90,036	2,856	5,031	35,801
28	Chemicals and products.....	232	85	11,160	59,503	184,639	186,975	8,714	9,083	131,749
31	Leather and leather goods.....	31	18	1,920	7,068	10,630	10,594	120	1,667	7,408
32	Stone, clay, and glass products <sup>3</sup> .....	90	32	2,744	13,661	23,064	23,260	1,002	2,359	17,959
33	Primary metal industries.....	52	23	4,627	26,148	41,702	40,813	1,547	4,939	37,100
34	Fabricated metal products.....	354	96	9,861	51,784	83,414	83,800	2,738	7,993	57,989
35	Machinery, except electrical <sup>3</sup> .....	446	100	10,075	56,178	89,544	91,021	3,811	8,325	63,714
36	Electrical machinery.....	155	60	15,633	81,139	146,746	128,764	2,938	11,919	113,929
37	Transportation equipment.....	41	22	23,056	133,703	295,892	293,406	6,374	25,110	214,238
39	Miscellaneous manufactures (including Ordnance).....	216	66	6,173	24,052	42,444	42,068	2,819	5,327	28,942
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,515	15,339	...	...	...	2,041	...

See footnotes at end of table.



## NEW JERSEY

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Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		PHILADELPHIA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania; Burlington Camden and Gloucester Counties, New Jersey)									
	ALL INDUSTRIES, TOTAL .....	2,813 <sup>7</sup>	23,162	538,527	2,739,096	4,845,268	4,837,375	289,949	564,172	4,023,700	
20	Food and kindred products.....	789	307	51,084	243,073	521,889	534,594	25,711	52,636	432,019	
21	Tobacco manufactures.....	18	9	4,351	14,007	30,704	30,759	1,167	6,245	32,486	
22	Textile mill products.....	513	318	36,867	144,244	233,803	235,289	6,992	43,877	228,372	
23	Apparel and related products.....	1,058	553	55,136	171,544	297,924	298,888	3,275	56,222	243,456	
24	Lumber and wood products.....	206	43	2,937	12,219	19,234	19,669	514	3,141	16,900	
25	Furniture and fixtures.....	311	90	7,718	34,457	57,033	56,651	3,147	7,324	40,158	
26	Pulp, paper and products.....	254	156	20,221	99,960	224,124	225,599	13,989	19,416	177,053	
27	Printing and publishing.....	964	253	36,882	193,166	335,307	336,066	14,900	35,099	296,827	
28	Chemicals and products.....	450	170	29,735	172,120	541,799	548,519	32,691	29,106	356,757	
29	Petroleum and coal products.....	49	22	16,473	104,936	173,028	154,051	49,016	17,373	176,021	
30	Rubber products.....	49	23	7,764	42,385	109,935	111,242	3,707	8,541	94,204	
31	Leather and leather goods.....	115	60	6,457	23,780	33,401	32,717	794	7,852	37,510	
32	Stone, clay, and glass products <sup>3</sup> .....	324	117	12,834	64,195	131,754	137,036	9,017	10,775	88,067	
33	Primary metal industries.....	202	112	33,424	197,297	378,052	377,516	49,823	33,696	246,213	
34	Fabricated metal products.....	933	374	46,586	236,396	398,464	389,797	15,365	47,315	337,680	
35	Machinery, except electrical <sup>3</sup> .....	919	256	47,214	257,743	412,838	411,546	17,325	46,494	348,013	
36	Electrical machinery.....	221	111	45,484	261,678	448,706	442,693	22,700	49,944	387,143	
37	Transportation equipment.....	101	49	29,774	182,136	294,429	289,418	8,752	42,516	297,369	
38	Instruments and related products.....	150	52	12,758	67,046	104,070	103,848	6,963	12,861	85,772	
39	Miscellaneous manufactures (including Ordnance).....	511	137	14,220	60,446	98,774	101,477	4,101	16,498	101,627	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	20,608	156,268	...	...	...	17,130	...	
		TRENTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Mercer County, New Jersey)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,446	2,188	36,858	185,647	342,391	335,118	11,620	39,517	302,999	
20	Food and kindred products .....	60	22	1,519	6,149	10,029	10,468	804	1,315	9,030	
22	Textile mill products.....	10	8	1,420	6,548	8,378	7,595	504	2,321	13,915	
25	Furniture and fixtures.....	12	3	270	1,199	2,181	2,209	16	270	2,547	
28	Chemicals and products.....	20	11	1,610	8,119	43,275	43,000	980	1,507	31,544	
30	Rubber products.....	17	13	3,342	16,389	28,967	28,080	450	3,812	25,353	
32	Stone, clay, and glass products <sup>3</sup> .....	54	27	4,542	21,417	36,837	35,354	770	5,228	35,270	
33	Primary metal industries.....	9	4	1,504	8,881	12,305	12,670	1,585	1,876	15,218	
34	Fabricated metal products .....	42	18	6,280	33,917	66,135	63,394	1,393	7,930	72,709	
35	Machinery, except electrical <sup>3</sup> .....	59	15	4,144	22,717	42,025	39,314	1,283	4,242	31,654	
36	Electrical machinery.....	14	10	3,121	15,501	28,399	27,917	1,576	2,642	24,183	
37	Transportation equipment.....	5	3	529	2,279	3,617	3,815	71	650	3,216	
39	Miscellaneous manufactures (including Ordnance).....	26	12	2,157	10,078	16,307	16,787	493	1,655	12,185	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,280	10,740	...	...	...	1,228	...	
		WILMINGTON STANDARD METROPOLITAN STATISTICAL AREA "All manufacturing" totals for the Wilmington Standard Metropolitan Statistical Area (which con- sists of Salem County, New Jersey; and New Castle County, Delaware) appear in Table 3. Industry group statistics for this area are shown in the 1958 Census of Manufactures preliminary report for the State of Delaware.									

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

<sup>5</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release since these counties were established as a standard metropolitan statistical area in June 1959. Industry group data will be included in the final report for the State.

## NEW JERSEY









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S30

### NEW MEXICO

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	664	593	+12
20 or more employees.....	...do.....	152	101	+50
All employees:				
Number.....	Thousands.....	20.3	15.1	+34
Payroll.....	Million dollars	104.2	62.7	+66
Value added by manufacture:				
Unadjusted.....	...do.....	206.2	126.3	+63
Adjusted.....	...do.....	209.1	(NA)	(NA)
Capital expenditures, new.....	...do.....	15.6	6.6	+136

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



## NEW MEXICO

3

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1,2</sup> .....	3664	3152	20,278	104,215	206,153	209,135	15,585	15,061	126,326
20	Food and kindred products.....	153	47	3,370	12,907	26,730	27,399	2,174	2,654	17,359
24	Lumber and wood products.....	113	25	1,793	6,129	9,928	9,989	929	2,032	9,988
27	Printing and publishing.....	109	13	1,380	5,823	11,105	11,225	1,355	1,079	7,460
28	Chemicals and products.....	21	10	7,083	47,624	105,055	105,951	1,035	5,967	67,472
29	Petroleum and coal products.....	9	8	661	3,272	9,357	9,579	2,780	496	6,454
32	Stone, clay, and glass products <sup>2</sup> .....	68	19	1,075	4,457	7,987	8,366	1,712	385	1,697
34	Fabricated metal products.....	32	6	505	2,193	3,655	4,082	489	190	974
--	Administrative and auxiliary <sup>3</sup> .....	...	...	102	772	...	...	...	106	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>3</sup>Does not include the number of administrative and auxiliary units.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

(see text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEW MEXICO, TOTAL.....	664	152	20,278	104,215	206,153	209,135	15,585	15,061	126,326
STANDARD METROPOLITAN STATISTICAL AREA									
Albuquerque <sup>2</sup> .....	204	57	13,216	77,031	150,346	153,847	7,621	9,378	85,740
COUNTIES <sup>3</sup>									
Bernalillo.....	204	57	13,152	76,708	150,346	153,847	7,621	9,281	85,740
Chaves.....	40	12	798	3,065	8,911	9,068	546	512	3,735
Colfax.....	30	4	391	1,140	1,972	1,838	286	248	1,119
Curry.....	29	8	415	1,569	2,866	3,143	376	313	2,004
Dona Ana.....	22	6	426	1,262	2,795	3,078	224	361	2,236
Eddy.....	31	10	660	3,248	6,673	6,674	2,147	602	6,040
Lea.....	38	5	450	2,395	6,594	7,014	243	354	5,280
McKinley.....	16	7	387	1,459	4,342	4,296	(D)	134	1,801
Otero.....	13	3	302	1,391	1,961	1,985	108	275	2,079
San Juan.....	30	6	436	2,139	4,361	4,624	337	83	575
San Miguel.....	13	1	326	746	1,200	1,034	31	141	378
Santa Fe.....	37	7	646	2,503	4,251	4,371	163	450	1,595

<sup>1</sup> D Withheld to avoid disclosing figures for individual companies.

<sup>2</sup> The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

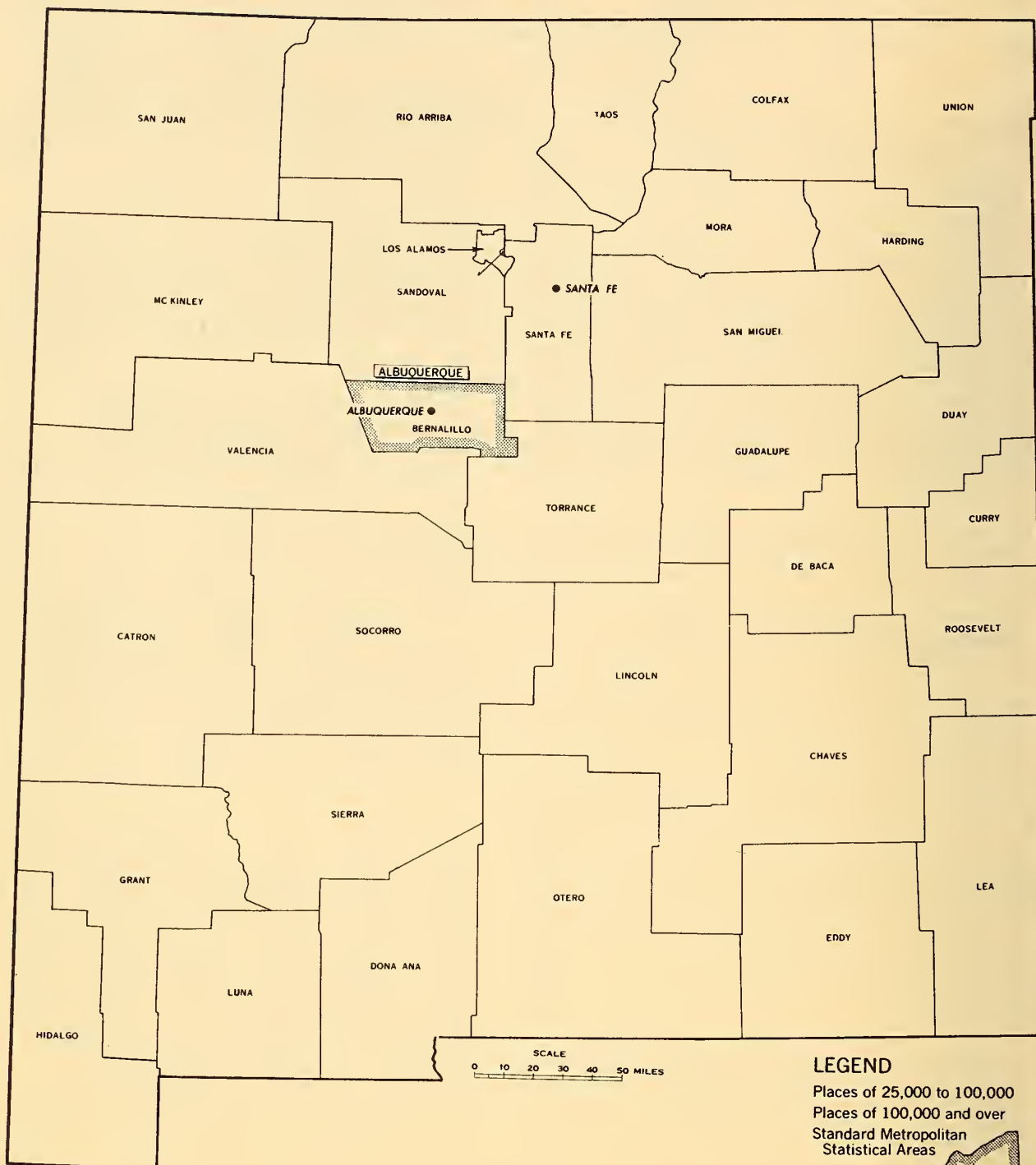
<sup>3</sup> The Albuquerque Standard Metropolitan Statistical Area consists of Bernalillo County, New Mexico.

<sup>4</sup> The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated area or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(This State contained no standard metropolitan statistical areas with 40,000 or more manufacturing employees in 1958 or 1954)

# NEW MEXICO



## LEGEND

Places of 25,000 to 100,000 •

Places of 100,000 and over ○

Standard Metropolitan Statistical Areas









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S31

### NEW YORK

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	48,709	50,402	-3
20 or more employees.....	do.....	15,117	15,156	...
All employees:				
Number.....	Thousands.....	1,932.1	2,006.8	-4
Payroll.....	Million dollars	9,642.7	8,468.1	+14
Value added by manufacture:				
Unadjusted.....	do.....	15,931.3	14,140.5	+13
Adjusted.....	do.....	15,983.5	(NA)	(NA)
Capital expenditures, new.....	do.....	678.5	572.1	+19

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

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Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

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#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	NEW YORK, TOTAL.....	148,709	115,117	1,932,065	9,642,691	15,931,271	15,983,483	678,505	2,006,843	14,140,524
20	Food and kindred products.....	3,613	1,199	149,596	718,871	1,594,924	1,645,944	84,019	152,442	1,365,436
21	Tobacco manufactures.....	60	7	1,196	3,488	5,863	6,539	74	1,377	7,630
22	Textile mill products.....	1,759	718	62,161	242,459	434,417	431,602	20,730	66,184	416,048
23	Apparel and related products.....	14,297	5,359	346,338	1,241,888	2,137,912	2,166,870	37,309	379,925	2,012,415
24	Lumber and wood products.....	1,325	212	16,341	64,796	102,877	106,035	6,536	17,872	92,459
25	Furniture and fixtures.....	1,645	388	37,720	170,665	280,995	285,826	7,902	38,158	250,320
26	Pulp, paper and products.....	1,065	518	65,437	310,899	540,106	546,648	32,648	64,671	476,173
27	Printing and publishing.....	6,261	1,338	175,512	994,211	1,914,887	1,931,726	65,421	168,091	1,583,450
28	Chemicals and products.....	1,492	395	66,272	366,544	1,122,149	1,125,758	54,619	67,752	872,140
29	Petroleum and coal products.....	119	26	3,026	19,241	39,700	36,743	9,772	3,770	33,288
30	Rubber products.....	103	32	8,827	45,302	73,819	72,410	2,621	9,891	68,566
31	Leather and leather goods.....	1,484	575	59,271	196,310	306,221	311,239	6,359	61,364	274,670
32	Stone, clay, and glass products <sup>2</sup> .....	1,110	267	40,833	207,894	375,018	381,493	33,403	39,140	316,646
33	Primary metal industries.....	533	235	66,823	375,411	645,677	654,816	64,526	76,394	624,129
34	Fabricated metal products.....	3,383	983	92,288	443,216	759,701	763,346	32,064	98,360	694,884
35	Machinery, except electrical <sup>2</sup> .....	2,809	632	146,601	791,188	1,267,057	1,252,774	73,966	142,549	1,169,041
36	Electrical machinery.....	1,148	525	133,033	665,889	1,240,807	1,225,302	35,912	125,278	938,632
37	Transportation equipment.....	452	191	108,340	648,141	1,047,758	996,792	30,729	141,131	1,188,463
38	Instruments and related products.....	850	253	85,697	507,233	981,634	994,429	41,938	79,999	700,389
39	Miscellaneous manufactures (including Ordnance).....	5,201	1,264	140,480	631,812	1,059,749	1,047,191	37,957	161,624	1,055,735
--	Administrative and auxiliary <sup>3</sup> .....	...	...	126,273	997,233	...	...	...	110,861	...

<sup>1</sup>Does not include the number of administrative and auxiliary units.<sup>2</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>3</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NEW YORK, TOTAL.....	48,709	15,117	1,932,065	9,642,691	15,931,271	15,983,483	678,505	2,006,843	14,140,524
STANDARD METROPOLITAN STATISTICAL AREAS									
Albany-Schenectady-Troy <sup>2</sup> .....	752	281	73,959	400,315	655,061	639,161	36,658	89,898	634,665
Binghamton <sup>3</sup> .....	303	134	39,553	193,979	251,788	242,358	12,280	42,147	268,720
Buffalo <sup>4</sup> .....	1,830	706	176,890	995,725	1,784,789	1,755,042	109,814	203,357	1,677,778
New York <sup>5</sup> .....	39,510	11,792	1,190,581	5,845,648	9,351,238	9,471,641	311,155	1,207,224	8,133,224
New York-Northeastern New Jersey <sup>6</sup> .....	50,538	15,747	1,805,147	9,008,381	15,293,350	15,403,046	606,914	1,838,401	13,115,922
Rochester <sup>7</sup> .....	1,020	338	106,681	599,201	1,094,192	1,096,424	54,641	114,555	919,779
Syracuse <sup>8</sup> .....	769	283	68,901	363,414	671,373	674,343	25,555	70,112	553,701
Utica-Rome <sup>9</sup> .....	475	170	40,565	194,849	351,984	352,719	17,301	43,125	328,206

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	All employees, number <sup>1</sup>	(\$1,000)
NEW YORK--Continued								
COUNTIES <sup>10</sup>								
Albany.....	328	132	21,380	102,872	175,416	179,437	22,500	159,022
Allegany.....	68	17	3,114	16,162	33,807	29,384	3,226	25,909
Bronx.....	2,083	702	53,864	217,677	375,311	380,707	16,041	52,472
Broome.....	303	134	38,065	186,391	251,788	242,358	12,280	40,502
Cattaraugus.....	135	54	8,257	36,519	62,368	60,608	2,619	8,716
Cayuga.....	119	41	6,913	29,607	44,302	42,313	1,567	5,350
Chautauqua.....	301	119	20,670	100,552	170,909	168,607	7,789	22,743
Chemung.....	106	44	14,967	69,821	131,962	135,732	4,987	16,203
Clinton.....	63	18	2,248	9,833	31,291	31,095	997	2,333
Columbia.....	85	37	3,907	16,799	30,812	31,506	5,255	4,168
Cortland.....	93	38	4,774	19,091	33,455	33,962	1,606	5,095
Delaware.....	83	21	5,659	25,481	43,774	44,648	1,260	5,762
Dutchess.....	211	95	22,250	111,476	129,450	125,574	13,539	20,191
Erie.....	1,514	571	128,551	715,536	1,293,717	1,275,547	66,624	148,247
Essex.....	78	12	2,093	9,131	14,145	13,991	2,976	1,583
Franklin.....	64	16	1,533	4,567	7,942	8,267	604	1,972
Fulton.....	265	93	8,887	29,844	48,750	49,279	2,234	7,754
Genesee.....	84	31	5,747	27,628	55,940	56,717	2,094	6,760
Greene.....	62	19	1,964	7,936	16,628	16,903	518	1,896
Herkimer.....	117	47	8,720	35,600	74,304	77,106	2,176	12,539
Jefferson.....	131	34	5,977	26,691	51,110	45,698	2,267	6,285
Kings.....	7,532	2,593	228,447	956,424	1,793,791	1,813,760	66,992	235,634
Levis.....	48	14	1,895	8,001	13,083	13,858	814	1,771
Livingston.....	60	22	3,517	14,881	26,833	26,449	1,960	2,926
Madison.....	62	23	2,088	8,604	11,289	11,849	531	2,395
Monroe.....	1,020	338	103,340	570,150	1,094,192	1,096,424	54,641	111,385
Montgomery.....	112	51	8,866	29,188	58,217	57,230	2,908	10,652
Nassau.....	1,628	430	80,407	457,016	712,530	738,725	23,534	69,327
New York.....	22,931	6,208	482,662	2,207,078	4,109,371	4,155,770	119,170	523,432
Niagara.....	316	135	44,791	256,247	491,072	479,495	43,190	52,554
Oneida.....	358	123	31,544	157,209	277,680	275,613	15,125	30,402
Onondaga.....	598	214	55,827	299,569	579,743	577,982	21,415	57,440
Ontario.....	98	48	4,185	17,994	30,068	29,941	1,235	4,379
Orange.....	375	166	16,145	61,403	108,909	108,146	5,360	15,456
Orleans.....	41	20	2,004	7,797	20,468	20,790	860	2,216
Oswego.....	109	46	8,130	38,380	80,341	84,512	3,609	7,862
Otsego.....	62	24	1,495	5,114	8,697	8,985	439	1,775
Queens.....	2,866	1,042	134,329	636,925	1,140,458	1,154,655	39,981	125,788
Rensselaer.....	178	67	11,517	45,506	107,400	104,580	8,853	13,201
Richmond.....	215	86	9,993	49,384	128,236	133,516	5,035	10,515
Rockland.....	161	61	11,486	56,558	212,146	213,676	4,843	10,907
St. Lawrence.....	113	33	6,790	34,488	58,069	58,788	18,743	9,961
Saratoga.....	115	39	7,189	31,867	59,580	59,517	(D)	8,016
Schenectady.....	131	43	23,282	143,947	312,665	295,627	(D)	36,280
Schoharie.....	32	8	1,061	4,166	10,038	10,223	2,082	745
Schuyler.....	19	7	1,174	5,530	14,804	14,642	1,446	1,173
Seneca.....	37	15	3,093	14,000	25,207	24,557	491	3,141
Steuben.....	119	39	13,535	66,735	104,808	103,340	9,765	14,234
Suffolk.....	740	207	32,417	178,442	269,905	268,571	9,039	41,410
Tioga.....	50	14	4,536	26,202	64,576	57,232	1,923	1,515
Tompkins.....	72	18	5,487	24,065	41,395	43,746	3,303	4,504
Ulster.....	240	69	12,779	60,855	88,382	98,127	6,995	9,185
Warren.....	106	30	4,554	19,494	35,105	35,466	1,925	4,441
Washington.....	89	31	4,986	23,349	45,731	44,175	2,052	4,914
Wayne.....	110	37	6,993	28,969	54,740	55,459	2,416	5,838
Westchester.....	1,354	464	56,375	264,250	609,490	612,261	26,520	51,088
Wyoming.....	52	18	2,863	10,314	21,045	20,491	680	2,930
Yates.....	31	13	1,043	3,873	6,803	6,674	134	1,104

D Withheld to avoid disclosing figures for individual companies. <sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 3 to Table 2. <sup>2</sup>The Albany-Schenectady-Troy Standard Metropolitan Statistical Area consists of Albany, Rensselaer, Saratoga, and Schenectady Counties, New York. <sup>3</sup>The Binghamton Standard Metropolitan Statistical Area consists of Broome County, New York. <sup>4</sup>The Buffalo Standard Metropolitan Statistical Area consists of Erie and Niagara Counties, New York. <sup>5</sup>The New York Standard Metropolitan Statistical Area consists of New York City (Bronx, Kings, New York, Queens, and Richmond Counties), and Nassau, Rockland, Suffolk, and Westchester Counties, New York. <sup>6</sup>The New York-Northeastern New Jersey Standard Metropolitan Statistical Area consists of New York City (Bronx, Kings, New York, Queens, and Richmond Counties), Nassau, Rockland, Suffolk, and Westchester Counties, New York; Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union Counties, New Jersey. This area is a consolidation of the New York, Newark, Jersey City, Paterson-Clifton-Passaic Standard Metropolitan Areas plus Middlesex and Somerset Counties, New Jersey. <sup>7</sup>The Rochester Standard Metropolitan Statistical Area consists of Monroe County, New York. <sup>8</sup>The Syracuse Standard Metropolitan Statistical Area consists of Madison, Onondaga, and Oswego Counties, New York. <sup>9</sup>The Utica-Rome Standard Metropolitan Statistical Area consists of Herkimer and Oneida Counties, New York. <sup>10</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		ALBANY-SCHENECTADY-TROY STANDARD METROPOLITAN STATISTICAL AREA (Consists of Albany, Rensselaer, Saratoga, and Schenectady Counties, New York)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2752	2281	73,959	400,315	655,061	639,161	36,658	89,898	634,665
20	Food and kindred products.....	175	58	5,952	28,149	53,630	60,047	2,516	(3)	(3)
22	Textile mill products.....	35	24	4,084	17,324	28,290	27,363	971		
24	Lumber and wood products.....	47	4	445	1,542	2,296	2,406	239		
26	Pulp, paper and products.....	40	24	5,437	27,023	47,484	48,126	4,746		
27	Printing and publishing.....	100	24	4,607	23,109	36,834	37,503	2,558		
28	Chemicals and products.....	31	11	2,920	16,290	62,202	59,583	2,712		
32	Stone, clay, and glass products <sup>4</sup> .....	52	14	4,173	21,846	43,349	42,003	5,425	(3)	(3)
33	Primary metal industries.....	16	12	3,438	19,434	30,390	30,530	2,026		
34	Fabricated metal products.....	37	13	1,171	5,065	6,728	7,122	405		
39	Miscellaneous manufactures.....	39	17	2,441	11,449	16,820	15,986	408		
--	Administrative and auxiliary <sup>5</sup> .....	...	...	10,591	76,123	...	...	...		
		BINCHAMTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Broome County, New York)								
	ALL INDUSTRIES, TOTAL <sup>1, 4</sup> .....	2303	2134	39,553	193,979	251,788	242,358	12,280	42,147	268,720
20	Food and kindred products.....	57	19	1,730	8,040	14,300	14,018	538	1,674	10,348
23	Apparel and related products.....	12	6	467	1,153	1,581	1,584	24	718	2,569
26	Pulp, paper and products.....	12	9	1,186	8,238	12,308	12,569	187	943	14,133
27	Printing and publishing.....	34	7	1,242	6,043	9,463	9,561	139	1,075	7,025
28	Chemicals and products.....	7	3	246	1,058	4,250	4,253	79	249	3,607
33	Primary metal industries.....	4	3	466	2,155	2,751	2,715	177	547	3,286
34	Fabricated metal products.....	22	10	655	2,840	4,186	4,193	295	797	4,489
36	Electrical machinery.....	12	7	1,061	3,663	5,827	5,736	124	725	3,814
--	Administrative and auxiliary <sup>5</sup> .....	...	...	1,488	7,588	...	...	...	1,645	...
		BUFFALO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Erie and Niagara Counties, New York)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,830	2706	176,890	995,725	1,784,789	1,755,042	109,814	203,357	1,677,778
20	Food and kindred products.....	349	147	16,510	78,957	178,098	179,796	10,139	16,624	154,166
22	Textile mill products.....	21	14	1,416	6,294	9,661	10,047	479	1,920	12,325
23	Apparel and related products.....	69	19	2,665	9,672	14,458	13,215	117	3,356	13,720
24	Lumber and wood products.....	49	17	1,010	4,020	5,098	5,888	387	1,003	5,192
25	Furniture and fixtures.....	40	13	1,840	8,922	14,236	14,178	427	2,243	17,812
26	Pulp, paper and products.....	55	37	6,392	31,726	57,421	58,154	3,155	6,902	57,235
27	Printing and publishing.....	226	45	6,390	34,770	61,972	62,418	2,083	7,522	57,830
28	Chemicals and products.....	127	49	15,385	94,457	227,018	221,193	27,179	17,218	204,777
29	Petroleum and coal products.....	13	11	1,004	6,407	14,719	14,247	7,640	10,553	...
30	Rubber products.....	11	7	3,368	22,655	37,084	35,540	1,463	3,273	25,666
32	Stone, clay, and glass products <sup>4</sup> .....	96	43	7,210	39,596	71,893	73,604	4,421	7,536	67,803
33	Primary metal industries.....	79	50	31,858	186,959	338,200	347,434	20,970	37,161	326,650
34	Fabricated metal products.....	206	70	7,686	41,051	72,679	68,225	3,142	8,692	68,007
35	Machinery, except electrical <sup>4</sup> .....	265	78	14,408	81,070	122,935	116,835	6,855	15,013	105,956
36	Electrical machinery.....	37	23	11,616	63,531	126,812	126,816	4,202	14,888	112,838
37	Transportation equipment.....	51	37	36,593	220,369	360,675	333,759	14,809	46,158	370,668
38	Instruments and related products.....	31	12	3,070	15,701	32,665	33,405	828	2,689	17,841
39	Miscellaneous manufactures (including Ordnance).....	97	34	4,890	25,531	38,956	40,078	1,515	7,226	47,351
--	Administrative and auxiliary <sup>5</sup> .....	...	...	...	...	...	...	...	2,556	...

See footnotes at end of table.



## 1958 CENSUS OF MANUFACTURES

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		NEW YORK STANDARD METROPOLITAN STATISTICAL AREA (Consists of New York City (Bronx, Kings, New York, Queens and Richmond Counties); Nasaau, Rockland, Suffolk and Westchester Counties, New York)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	239,510	211,793	1,190,581	5,845,648	9,351,238	9,471,641	311,155	1,207,224	8,133,224
20	Food and kindred products.....	1,732	575	86,639	443,283	942,826	972,918	44,520	(6)	(6)
22	Textile mill products.....	1,556	588	38,114	150,227	283,630	289,366	14,602		
23	Apparel and related products.....	13,723	5,052	308,617	1,132,646	2,038,487	2,050,613	42,147		
24	Lumber and wood products.....	563	87	6,677	28,219	44,123	45,048	1,953		
25	Furniture and fixtures.....	1,403	286	23,310	105,053	172,089	174,242	5,563		
26	Pulp, paper and products.....	747	311	30,694	138,534	247,988	250,998	10,407		
27	Printing and publishing.....	5,156	1,114	145,875	847,495	1,655,267	1,672,216	53,261		
28	Chemicals and products.....	1,110	274	36,597	197,657	646,384	658,134	16,020		
31	Leather and leather goods.....	1,188	415	35,082	120,508	193,101	197,190	4,344		
32	Stone, clay, and glass products <sup>4</sup> .....	641	128	11,265	53,865	104,588	108,158	6,046		
33	Primary metal industries.....	295	89	11,616	61,306	109,633	107,891	11,487		
34	Fabricated metal products.....	2,697	733	60,332	284,245	486,499	494,512	20,595		
35	Machinery, except electrical <sup>4</sup> .....	1,789	309	33,945	175,846	302,316	304,096	12,767	(6)	(6)
36	Electrical machinery.....	943	400	59,365	266,033	469,543	481,904	16,173		
37	Transportation equipment.....	310	108	50,568	309,879	503,260	491,288	11,963		
38	Instruments and related products.....	693	182	30,908	172,715	265,052	275,320	5,167		
39	Miscellaneous manufactures (including Ordnance).....	4,794	1,114	116,932	519,343	858,370	868,432	32,828		
--	Administrative and auxiliary <sup>2</sup> .....	...	...	100,601	821,894	...	...	...	86,586	...
		NEW YORK-NORTHEASTERN NEW JERSEY STANDARD METROPOLITAN STATISTICAL AREA (Consists of New York City (Bronx, Kings, New York, Queens, and Richmond Counties); Nassau, Rockland, Suffolk, and Westchester Counties, New York; Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union Counties, New Jersey. This area is a consolidation of the New York, Newark, Jersey City, Paterson-Clifton-Passaic Standard Metropolitan Statistical Areas plus Middlesex and Somerset Counties, New Jersey.)								
	ALL INDUSTRIES, TOTAL.....	250,538	215,747	1,805,147	9,008,381	15,293,350	15,403,046	606,914	1,838,401	13,115,922
20	Food and kindred products.....	2,445	841	129,618	670,173	1,548,815	1,567,171	66,769	131,941	1,311,587
21	Tobacco manufactures.....	59	9	1,764	5,433	14,339	15,006	251	3,384	31,188
22	Textile mill products.....	2,168	870	65,767	273,823	487,964	487,422	21,575	71,858	452,677
23	Apparel and related products.....	15,792	5,833	365,330	1,309,487	2,325,103	2,368,802	48,978	394,421	2,073,737
24	Lumber and wood products.....	761	127	9,804	41,131	65,952	67,532	3,008	10,571	61,874
25	Furniture and fixtures.....	1,739	366	31,228	140,583	230,051	233,038	7,125	31,007	198,459
26	Pulp, paper and products.....	1,042	488	52,821	252,147	463,606	466,146	22,366	50,117	374,489
27	Printing and publishing.....	6,031	1,293	171,414	985,242	1,898,028	1,913,054	63,250	159,206	1,511,833
28	Chemicals and products.....	1,968	641	102,643	580,774	1,835,024	1,865,897	89,698	102,183	1,390,154
29	Petroleum and coal products.....	108	38	8,540	56,719	109,014	93,557	38,299	13,446	127,143
30	Rubber products.....	154	51	9,194	46,870	76,442	78,120	2,671	11,365	78,542
31	Leather and leather goods.....	1,341	506	44,340	153,425	244,720	248,874	5,275	42,544	207,258
32	Stone, clay, and glass products <sup>4</sup> .....	929	244	24,478	121,561	235,102	241,487	9,625	23,495	177,730
33	Primary metal industries.....	559	224	36,696	200,103	357,894	364,245	23,638	39,402	314,622
34	Fabricated metal products.....	3,888	1,082	99,921	489,615	843,979	854,304	34,756	99,351	725,915
35	Machinery, except electrical <sup>4</sup> .....	3,155	644	90,617	485,516	818,988	815,501	35,624	91,678	700,321
36	Electrical machinery.....	1,495	660	142,443	681,574	1,170,284	1,143,454	44,582	131,616	955,289
37	Transportation equipment.....	441	179	94,115	567,555	1,008,128	995,321	25,516	109,987	1,011,416
38	Instruments and related products.....	859	243	52,903	302,470	473,925	486,107	16,774	51,857	389,081
39	Miscellaneous manufactures (including Ordnance).....	5,604	1,408	146,985	647,938	1,085,992	1,098,008	47,134	162,540	1,022,607
--	Administrative and auxiliary <sup>2</sup> .....	...	...	124,526	996,242	...	...	...	106,432	...

See footnotes at end of table.



Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees <sup>a</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		ROCHESTER STANDARD METROPOLITAN STATISTICAL AREA (Consists of Monroe County, New York)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,020	<sup>2</sup> 338	106,681	599,201	1,094,192	1,096,424	54,641	114,555	919,779
20	Food and kindred products.....	187	62	8,773	39,176	92,335	96,149	5,759	9,020	71,935
22	Textile mill products.....	4	4	912	4,135	7,156	6,826	432	901	5,997
23	Apparel and related products.....	44	17	7,970	27,583	46,571	46,397	186	9,273	50,592
25	Furniture and fixtures.....	30	9	1,023	5,921	10,611	11,059	295	1,220	8,148
26	Pulp, paper and products.....	39	20	1,679	7,721	13,802	14,104	978	1,731	11,605
27	Printing and publishing.....	149	33	5,066	26,732	43,107	43,562	1,704	4,402	36,613
28	Chemicals and products.....	37	6	1,027	5,780	18,288	18,864	1,783	874	12,581
31	Leather and leather goods.....	14	4	531	1,790	2,931	2,919	33	668	3,093
32	Stone, clay, and glass products <sup>4</sup> .....	40	13	660	3,412	6,247	6,485	573	797	4,289
33	Primary metal industries.....	22	12	823	3,945	6,478	6,569	(D)	844	5,281
34	Fabricated metal products.....	101	33	3,394	17,410	30,670	29,771	1,112	3,112	22,235
35	Machinery, except electrical <sup>4</sup> .....	166	39	8,627	48,514	79,173	78,091	2,001	8,656	77,034
36	Electrical machinery.....	29	16	14,030	76,493	115,033	105,954	4,821	12,588	82,274
38	Instruments and related products.....	60	34	42,124	266,584	566,827	574,392	30,665	44,635	444,003
39	Miscellaneous manufactures (including Ordnance).....	62	25	3,801	18,164	26,641	26,918	499	6,842	43,480
--	Administrative and auxiliary <sup>5</sup> .....	...	...	3,341	29,051	...	...	...	3,170	...
		SYRACUSE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Madison, Onondago, and Oswego Counties, New York)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 769	<sup>2</sup> 283	68,901	363,414	671,373	674,343	25,555	70,112	553,701
20	Food and kindred products.....	134	55	5,721	26,212	69,290	73,223	3,166	}	(7)
22	Textile mill products.....	7	5	761	2,764	4,131	3,846	222		
23	Apparel and related products.....	17	4	928	2,741	3,183	3,150	24		
24	Lumber and wood products.....	42	7	505	2,067	2,250	3,098	265		
25	Furniture and fixtures.....	27	10	751	2,773	3,381	3,676	216		
26	Pulp, paper and products.....	33	25	5,106	24,727	32,825	33,617	2,503		
27	Printing and publishing.....	102	25	2,308	11,526	23,426	23,278	515		
28	Chemicals and products.....	36	11	3,905	21,642	59,941	59,985	2,385		
31	Leather and leather goods.....	5	3	622	1,996	2,484	2,463	23		
32	Stone, clay, and glass products <sup>4</sup> .....	36	11	2,370	10,571	18,367	18,985	914		
33	Primary metal industries.....	38	24	4,315	23,357	31,954	32,065	2,128	}	(7)
34	Fabricated metal products.....	88	32	3,364	16,938	27,768	27,787	814		
35	Machinery, except electrical <sup>4</sup> .....	124	37	14,185	76,049	124,960	131,852	8,080		
36	Electrical machinery.....	14	8	7,836	38,171	86,833	80,502	1,625		
37	Transportation equipment.....	14	7	3,475	17,806	26,350	25,280	733		
38	Instruments and related products.....	9	4	355	1,499	2,771	2,651	53		
39	Miscellaneous manufactures (including Ordnance).....	33	12	9,365	64,859	149,961	147,083	1,624		
--	Administrative and auxiliary <sup>5</sup> .....	...	...	2,856	16,861	...	...	...		

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new  (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		UTICA-ROME STANDARD METROPOLITAN STATISTICAL AREA (Consists of Herkimer and Oneida Counties, New York)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2475	2170	40,565	194,849	351,984	352,719	17,301	43,125	328,206
20	Food and kindred products.....	118	30	2,389	10,500	26,618	27,614	1,603	2,765	28,183
22	Textile mill products.....	16	12	1,708	6,147	10,595	10,656	324	3,184	11,825
23	Apparel and related products.....	22	14	1,772	4,899	5,985	5,810	74	1,869	6,943
24	Lumber and wood products.....	39	7	589	2,106	3,366	3,494	329	573	3,199
25	Furniture and fixtures.....	19	8	1,041	4,441	8,921	9,536	113	1,148	7,168
26	Pulp, paper and products.....	11	8	1,032	5,158	12,464	12,681	859	945	8,011
27	Printing and publishing.....	51	8	856	4,144	7,171	7,203	429	782	5,557
28	Chemicals and products.....	20	3	763	3,374	6,689	6,726	246	613	3,919
31	Leather and leather goods.....	11	10	1,241	4,026	7,184	7,267	54	1,935	7,629
32	Stone, clay, and glass products <sup>2</sup> .....	25	4	338	1,576	2,268	2,386	244	254	922
33	Primary metal industries.....	15	12	4,832	26,082	42,983	42,616	6,426	5,726	47,282
34	Fabricated metal products.....	32	17	3,203	16,225	24,113	24,296	436	4,544	32,175
35	Machinery, except electrical <sup>4</sup> .....	40	14	5,517	24,587	48,803	52,382	1,376	6,544	51,851
36	Electrical machinery.....	12	6	7,781	44,643	84,084	81,033	2,613	4,608	55,408
37	Transportation equipment.....	8	4	2,734	15,339	23,928	23,152	836	2,536	21,485
39	Miscellaneous manufactures (including Ordnance).....	26	12	4,308	18,788	34,735	33,794	1,110	4,774	35,467
--	Administrative and auxiliary <sup>5</sup> .....	...	...	301	2,040	...	...	...	184	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>Comparable 1954 figures by major industry groups were not available at the time of this preliminary release. The definition of the standard metropolitan statistical area has been revised since 1954 to include Saratoga County in addition to the three counties previously covered by this area.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

<sup>6</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release since these counties were established as a standard metropolitan statistical area in June 1959. Industry group data will be included in the final report for the State.

<sup>7</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release. The definition of the standard metropolitan statistical area has been revised since 1954 to include Madison and Oswego Counties in addition to Onondago County.

**LEGEND**

- Places of 25,000 to 100,000
- Places of 100,000 and over
- Standard Metropolitan Statistical Areas

[ERIE]

BUREAU OF COMMERCE

• Places of 25,000 to 100,000  
 • Places of 100,000 and over  
 Standard Metropolitan  
 Statistical Areas



# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.













# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

February 1960

MC(P)-S32

### NORTH CAROLINA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	7293	6645	+10
20 or more employees.....	...do.....	2641	2369	+11
All employees:				
Number.....	Thousands.....	463.7	434.9	+7
Payroll.....	Million dollars	1492.8	1185.6	+26
Value added by manufacture:				
Unadjusted.....	...do.....	3079.9	2210.5	+39
Adjusted.....	...do.....	3107.9	(NA)	(NA)
Capital expenditures, new.....	...do.....	170.8	129.6	+32

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.-- GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	27,293	22,641	463,681	1,492,773	3,079,901	3,107,880	170,828	434,934	2,210,463
20	Food and kindred products.....	894	348	28,877	95,797	212,959	227,925	15,347	24,993	155,557
21	Tobacco manufactures.....	63	60	27,422	103,229	674,417	675,027	15,030	26,147	390,599
22	Textile mill products.....	1,094	851	211,398	611,422	1,026,838	1,017,471	49,293	222,851	861,554
23	Apparel and related products.....	242	184	29,273	69,261	115,459	115,818	2,641	21,364	63,179
24	Lumber and wood products.....	2,491	329	31,374	66,172	99,466	99,120	11,455	32,071	100,100
25	Furniture and fixtures.....	465	246	39,583	123,263	209,072	212,496	8,286	33,027	145,543
26	Pulp, paper and products.....	73	55	11,106	52,806	102,766	104,534	23,646	9,731	91,441
27	Printing and publishing.....	508	99	8,905	37,176	63,177	63,136	4,199	7,489	45,497
28	Chemicals and products.....	242	86	12,196	55,824	149,306	152,522	14,067	11,414	107,032
30	Rubber products.....	14	8	1,572	6,524	14,886	16,089	1,207	1,178	9,572
31	Leather and leather goods.....	36	11	1,307	4,406	5,994	6,789	354	1,383	5,754
32	Stone, clay, and glass products <sup>2</sup> .....	308	103	8,533	27,565	52,108	52,089	5,170	6,592	31,827
33	Primary metal industries.....	43	14	2,121	9,554	16,794	17,303	494	2,205	13,487
34	Fabricated metal products.....	202	64	6,938	29,105	54,258	54,786	3,828	4,673	32,690
35	Machinery, except electrical <sup>3</sup> .....	333	94	9,448	37,487	70,121	70,594	3,845	6,354	36,520
36	Electrical machinery.....	50	36	19,591	90,473	159,589	170,368	9,575	10,992	68,203
38	Instruments and related products.....	9	2	598	1,789	2,681	2,727	44	779	4,302
--	Administrative and auxiliary <sup>4</sup> .....	...	...	6,753	43,318	...	...	...	...	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or area, or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns reported separately for central administrative offices or auxiliary units which serve the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, and repair shops). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical area and county	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NORTH CAROLINA, TOTAL.....	7,293	2,641	463,681	1,492,773	3,079,901	3,107,880	170,828	434,934	2,210,463
STANDARD METROPOLITAN STATISTICAL AREAS									
Asheville <sup>2</sup> .....	156	60	12,174	43,797	72,423	68,895	7,090	11,086	54,838
Charlotte <sup>3</sup> .....	449	176	25,570	100,622	186,777	189,814	8,172	22,375	128,740
Durham <sup>4</sup> .....	132	48	12,603	46,421	203,822	205,486	6,702	13,213	144,539
Greensboro-High Point <sup>5</sup> .....	577	257	42,211	144,882	315,634	316,636	12,656	38,588	169,106
Raleigh <sup>6</sup> .....	177	56	7,191	24,808	48,944	49,404	2,736	6,122	25,885
Winston-Salem <sup>7</sup> .....	209	87	35,663	150,965	433,363	446,589	15,691	31,771	303,756
COUNTIES <sup>8</sup>									
Alamance.....	197	108	18,857	65,192	123,703	124,020	3,724	18,639	104,532
Alexander.....	45	12	1,450	3,570	4,756	4,684	217	1,027	3,309
Alleghany.....	9	2	549	1,179	1,737	1,786	23	509	1,070
Anson.....	57	10	1,553	4,146	6,893	6,741	458	1,552	5,352
Ashe.....	45	6	1,022	2,481	5,133	5,210	509	540	1,723
Avery.....	17	2	354	959	1,822	1,789	79	336	1,150
Beaufort.....	62	14	1,371	3,485	9,359	9,064	483	1,028	3,374
Bertie.....	43	7	806	1,990	4,238	4,042	457	895	3,361
Bladen.....	67	8	1,512	3,120	4,382	3,887	371	1,583	4,442
Brunswick.....	35	7	687	1,953	4,952	5,353	343	485	2,547
Buncombe.....	156	60	12,162	43,758	72,423	68,895	7,090	11,071	54,838
Burke.....	99	51	9,493	28,404	50,987	53,381	4,355	8,291	36,168
Cabarrus.....	70	35	21,933	64,064	90,222	90,578	4,140	22,239	76,384
Caldwell.....	95	48	9,756	28,584	49,700	48,300	2,142	9,041	39,351
Carteret.....	46	11	1,094	2,896	6,287	6,579	503	973	3,292
Catawba.....	341	179	18,598	52,631	98,518	99,187	4,621	15,568	59,972
Chatham.....	81	22	2,918	7,658	14,526	14,871	780	3,302	13,795
Cherokee.....	26	7	740	1,934	2,936	3,183	311	910	2,377
Chowan.....	19	7	544	1,255	1,695	1,752	102	423	1,293
Cleveland.....	117	51	7,889	22,860	36,837	36,815	1,426	7,995	28,396
Columbus.....	59	16	2,220	8,193	17,972	18,592	(D)	2,189	13,972
Craven.....	65	26	2,006	6,081	10,735	11,335	521	1,762	6,857
Cumberland.....	83	32	3,753	10,821	20,083	20,763	1,164	4,187	16,813
Davidson.....	232	80	15,975	41,692	75,705	74,785	3,184	13,424	52,842
Davie.....	44	8	1,962	5,844	10,459	10,654	557	1,923	7,532
Duplin.....	41	8	1,236	3,527	6,665	5,351	542	1,138	5,260
Durham.....	132	48	12,524	45,672	203,822	205,486	6,702	13,076	144,539
Edgecombe.....	52	17	2,387	6,779	8,986	10,102	557	2,446	10,442
Forsyth.....	209	87	33,431	135,133	433,363	446,589	15,691	29,930	303,756
Franklin.....	35	8	1,088	2,967	4,535	4,599	446	1,236	3,425
Gaston.....	248	138	27,916	83,209	152,670	156,445	9,012	27,192	115,165
Gates.....	25	6	293	568	758	749	149	213	719
Graham.....	7	2	270	735	873	884	850	237	927
Granville.....	44	13	1,294	3,434	6,265	6,240	401	1,382	4,973
Guilford.....	577	257	40,479	133,030	331,334	332,636	12,656	37,380	169,106
Halifax.....	85	20	4,665	14,730	26,807	26,018	2,621	5,713	23,244
Harnett.....	49	13	2,730	7,306	16,214	15,461	1,113	2,632	9,071
Haywood.....	29	11	5,213	26,126	39,354	40,958	(D)	4,961	48,436
Henderson.....	56	22	3,285	11,668	22,477	21,890	1,475	2,348	9,641
Hertford.....	33	8	1,201	2,941	4,499	4,439	282	1,030	3,704
Hoke.....	9	5	1,805	6,118	12,428	9,158	151	1,062	3,985
Iredell.....	155	73	11,126	33,406	63,630	62,008	3,718	9,349	37,397
Johnston.....	78	24	2,812	6,713	9,869	9,870	1,175	2,531	8,294
Lee.....	77	26	3,934	11,503	18,068	18,028	1,041	3,472	14,420
Lenoir.....	55	27	4,346	19,948	63,118	63,442	5,936	4,278	40,312
Lincoln.....	64	19	2,671	6,567	10,212	9,740	821	3,061	9,697
McDowell.....	44	21	4,423	12,700	27,908	29,285	1,670	5,026	23,811
Macon.....	33	5	762	2,040	3,888	3,951	280	369	1,486
Madison.....	18	3	446	1,110	2,080	2,265	177	154	712
Martin.....	44	9	2,196	8,102	15,070	14,810	1,706	907	3,324
Mecklenburg.....	449	176	24,567	94,212	186,777	189,814	8,172	21,635	128,740
Mitchell.....	29	10	1,020	2,417	3,353	3,417	389	590	1,891
Montgomery.....	100	26	4,000	9,235	16,674	16,648	589	3,392	10,597
Moore.....	84	15	2,619	6,994	11,032	12,091	928	2,657	10,925
Nash.....	76	34	4,243	12,951	29,380	30,192	1,714	3,905	21,510
New Hanover.....	106	39	4,915	15,124	25,051	24,595	1,015	5,129	25,820
Northampton.....	44	10	1,069	2,367	3,361	3,407	352	638	2,018
Orange.....	43	8	1,356	3,602	7,762	6,595	432	1,631	6,921
Pasquotank.....	46	15	1,620	4,279	7,411	7,390	348	1,538	5,531
Pender.....	33	4	402	642	554	547	152	434	1,330
Person.....	44	7	2,454	6,737	10,237	10,807	734	2,125	7,405
Pitt.....	68	21	1,748	5,379	10,801	10,294	930	2,141	7,805
Polk.....	30	9	1,182	3,166	4,500	4,288	188	1,204	4,163
Randolph.....	202	75	12,114	36,517	73,413	74,921	4,545	11,807	51,826
Richmond.....	61	19	3,326	9,910	17,976	17,594	1,022	4,349	17,760
Robeson.....	72	30	2,957	8,133	21,017	21,265	1,270	2,983	10,579

See footnotes at end of table.



Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Region and State	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
COUNTIES <sup>2</sup> —Continued									
Rockingham.....	89	43	10,874	35,380	118,001	118,584	4,421	10,075	91,743
Rowan.....	126	48	7,708	22,972	38,568	39,113	1,830	7,838	29,633
Rutherford.....	72	24	7,047	21,610	31,203	30,184	1,414	7,216	30,544
Sampson.....	86	22	1,738	4,047	6,559	6,896	592	1,440	4,650
Scotland.....	32	15	3,307	8,852	18,574	19,852	505	2,851	10,326
Stanly.....	73	26	6,608	20,775	36,587	37,090	1,538	6,976	30,187
Stokes.....	25	4	429	818	1,768	1,760	43	479	1,629
Surry.....	107	43	9,597	27,465	39,913	41,739	1,167	8,255	30,626
Swain.....	15	4	295	893	1,510	1,389	62	362	1,746
Transylvania.....	21	8	2,885	13,226	28,786	28,527	(D)	2,901	24,899
Union.....	61	24	2,129	5,485	9,350	10,114	716	2,113	8,021
Vance.....	27	17	2,117	5,569	10,003	9,820	244	2,571	9,650
Wake.....	177	56	7,030	23,917	48,944	49,404	2,736	6,041	25,885
Warren.....	43	8	698	1,361	2,112	2,045	134	612	1,720
Watauga.....	29	1	265	674	1,807	1,781	98	172	1,237
Wayne.....	73	25	2,602	7,340	13,513	15,654	635	2,728	10,174
Wilkes.....	117	26	3,424	8,852	14,827	14,871	757	3,205	9,995
Wilson.....	67	30	3,224	8,948	18,980	20,088	678	2,552	10,868
Yadkin.....	40	4	305	748	1,396	1,442	168	248	692
Yancey.....	18	7	603	1,652	2,011	2,317	368	739	2,924

D Withheld to avoid disclosing data for individual companies.

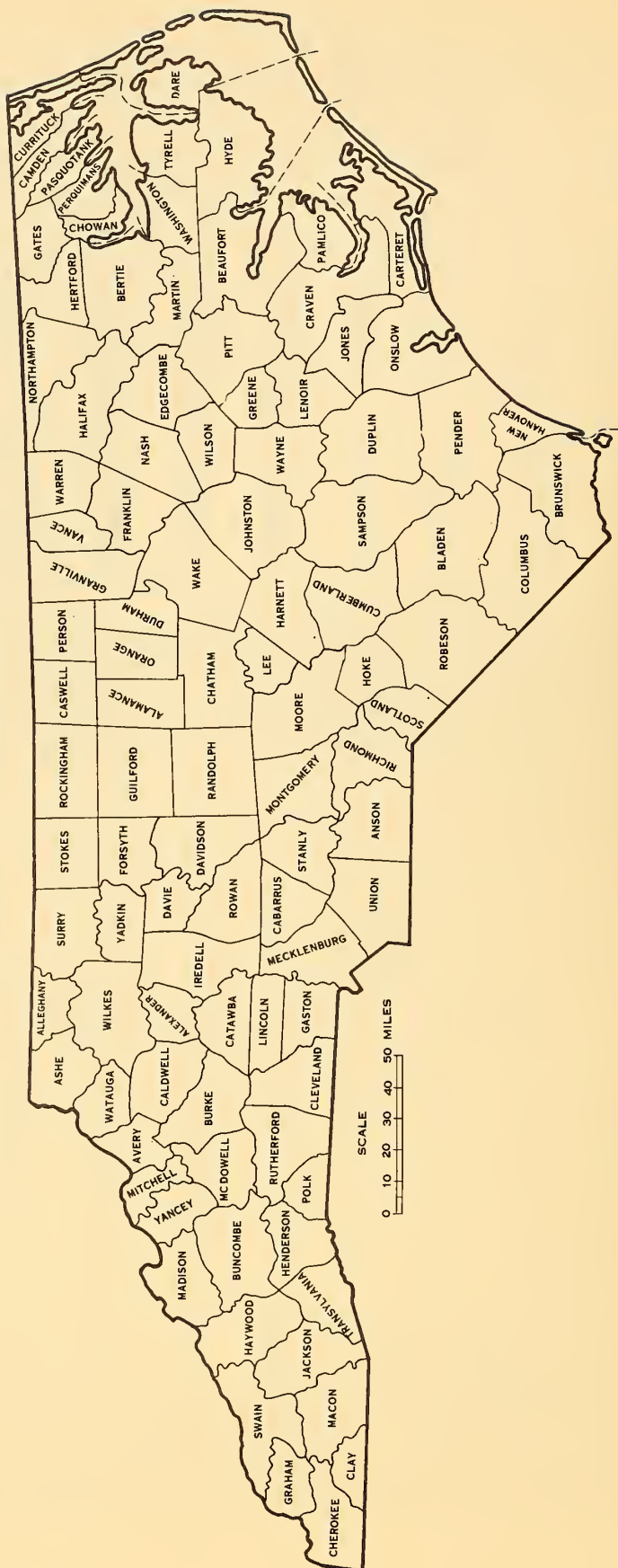
<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.<sup>2</sup>The Asheville, North Carolina Standard Metropolitan Statistical Area is coextensive with Buncombe County in North Carolina.<sup>3</sup>The Charlotte, North Carolina Standard Metropolitan Statistical Area is coextensive with Mecklenburg County in North Carolina.<sup>4</sup>The Durham, North Carolina Standard Metropolitan Statistical Area is coextensive with Durham County, North Carolina.<sup>5</sup>The Greensboro-High Point, North Carolina Standard Metropolitan Statistical Area is coextensive with Guilford County in North Carolina.<sup>6</sup>The Raleigh, North Carolina Standard Metropolitan Statistical Area is coextensive with Wake County in North Carolina.<sup>7</sup>The Winston-Salem, North Carolina Standard Metropolitan Statistical Area is coextensive with Forsyth County in North Carolina.<sup>8</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county in this or associated industries or area, or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
				GREENSBORO-HIGH POINT STANDARD METROPOLITAN STATISTICAL AREA (Consists of Guilford County)						
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2577	2257	42,211	144,882	315,634	316,636	12,656	37,380	169,106
20	Food and kindred products.....	53	26	2,571	8,968	18,080	18,545	1,840	2,476	18,996
22	Textile mill products.....	66	47	15,565	43,451	76,296	75,044	2,642	18,635	68,173
23	Apparel and related products.....	16	14	3,551	8,733	13,408	13,571	197	3,071	8,566
24	Lumber and wood products.....	61	15	1,065	3,268	4,651	6,474	317	1,161	5,175
25	Furniture and fixtures.....	115	66	6,470	21,858	38,820	39,368	1,616	4,652	23,624
26	Pulp, paper and products.....	10	7	1,042	3,812	8,380	8,260	559	758	5,864
27	Printing and publishing.....	63	14	1,042	4,682	8,116	8,122	398	931	5,640
28	Chemicals and products.....	35	13	1,199	5,528	24,026	24,134	952	937	10,748
32	Stone, clay, and glass products <sup>3</sup> .....	18	11	942	3,768	5,516	5,966	545	653	3,064
34	Fabricated metal products.....	48	18	1,457	5,914	10,685	10,455	402	977	6,147
39	Miscellaneous manufactures (in- cluding Ordnance).....	26	5	321	887	1,980	1,935	82	243	1,096
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,732	11,852	...	...	...	1,208	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or area, or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.<sup>2</sup>Does not include the number of administrative and auxiliary units.<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns reported separately for central administrative offices or auxiliary units which serve the manufacturing establishments of a company (e.g. research laboratories, storage, warehouse, power plants, garages, and repair shops). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.













# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S33

### NORTH DAKOTA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	413	367	+13
20 or more employees.....	...do.....	80	65	+23
All employees:				
Number.....	Thousands.....	6.5	5.6	+16
Payroll.....	Million dollars	26.6	19.2	+39
Value added by manufacture:				
Unadjusted.....	...do.....	61.8	35.0	+77
Adjusted.....	...do.....	63.0	(NA)	(NA)
Capital expenditures, new.....	...do.....	8.8	16.2	-46

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954  
(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2413	280	6,533	26,602	61,814	63,034	8,775	5,613	34,991
20	Food and kindred products.....	158	44	3,292	12,724	28,707	30,134	1,947	3,246	19,892
27	Printing and publishing.....	126	13	1,226	5,222	8,894	8,940	687	1,220	7,382
32	Stone, clay, and glass products <sup>2</sup> .....	34	5	392	1,437	3,609	3,754	532	253	1,561
34	Fabricated metal products.....	14	2	267	1,245	1,933	2,164	200	216	1,355
35	Machinery, except electrical <sup>3</sup> .....	36	6	445	1,806	3,602	3,577	274	239	1,654
-7	Administrative and auxiliary <sup>4</sup> .....	...	...	11	49	...	...	...	9	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273 - Ready-mixed concrete and establishments classified in Industry 3599 - Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

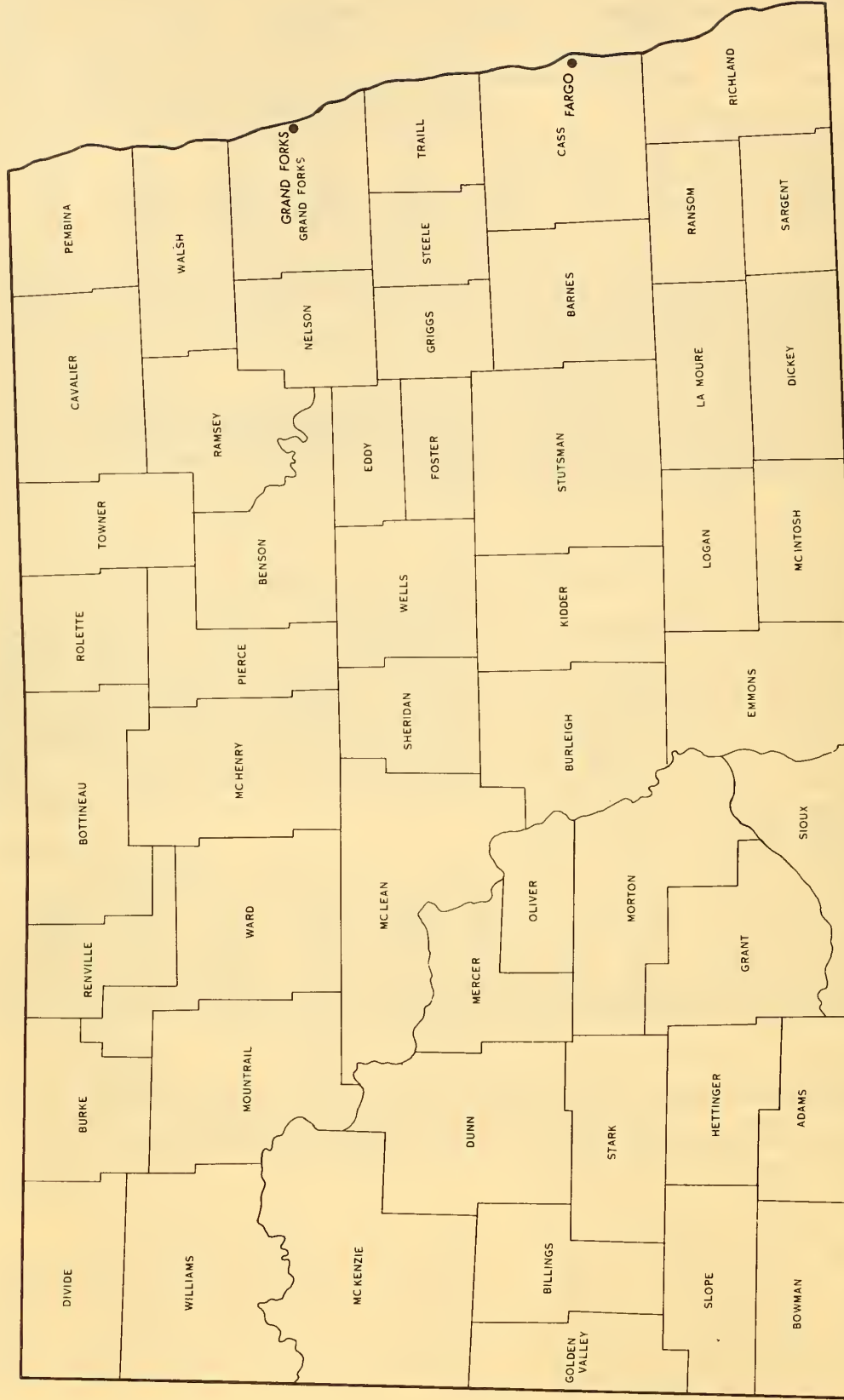
Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
NORTH DAKOTA, TOTAL.....	413	80	6,533	26,602	61,814	63,034	8,775	5,613	34,991
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)									
COUNTIES <sup>1</sup>									
Burleigh.....	27	8	534	2,198	4,352	4,628	346	385	2,615
Cass.....	54	18	1,975	8,880	16,579	16,863	868	1,871	10,799
Grand Forks.....	30	8	581	2,272	4,966	5,222	259	656	4,706
Ward.....	43	11	621	2,506	5,808	5,961	568	490	3,456

<sup>1</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in final report for this State.

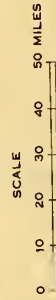
Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(This State contained no Standard Metropolitan Statistical Area with 40,000 or more manufacturing employees in 1958 or 1954)

# NORTH DAKOTA



LEGEND  
Places of 25,000 to 100,000 •









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S34

### OHIO

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

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Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	14,944	14,550	+3
20 or more employees.....	...do.....	5,554	5,479	+1
All employees:				
Number.....	Thousands.....	1,192.6	1,292.7	-8
Payroll.....	Million dollars	6,434.4	5,817.7	+11
Value added by manufacture:				
Unadjusted.....	...do.....	11,321.2	10,154.4	+11
Adjusted.....	...do.....	11,426.4	(NA)	(NA)
Capital expenditures, new.....	...do.....	781.4	760.9	+3
NA Not available.				



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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#### STANDARD METROPOLITAN STATISTICAL AREAS

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Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL.....	14,944	15,554	1,192,644	6,434,353	11,321,157	11,426,396	781,428	1,292,692	10,154,385
20	Food and kindred products.....	1,990	764	85,121	405,923	838,795	859,466	46,773	82,923	689,357
21	Tobacco manufactures.....	16	9	1,495	4,514	11,259	11,318	115	1,530	8,913
22	Textile mill products.....	95	56	9,540	40,201	71,313	69,006	2,662	11,631	80,667
23	Apparel and related products.....	396	162	22,895	72,985	121,683	126,308	2,734	25,714	112,759
24	Lumber and wood products.....	775	111	8,869	35,042	51,696	56,723	3,274	9,999	53,987
25	Furniture and fixtures.....	378	137	19,580	93,423	169,481	166,279	5,365	21,353	152,027
26	Pulp, paper and products.....	302	210	37,156	193,727	351,200	355,616	26,427	35,572	297,067
27	Printing and publishing.....	1,806	429	56,291	301,489	505,989	510,983	33,263	58,363	456,440
28	Chemicals and products.....	733	286	47,384	270,152	698,213	707,684	50,100	42,826	566,366
29	Petroleum and coal products.....	125	38	7,706	48,903	142,342	142,678	28,715	7,999	115,121
30	Rubber products.....	186	125	66,525	364,681	585,877	619,184	40,415	71,092	474,706
31	Leather and leather goods.....	93	36	11,161	40,787	63,778	63,637	1,852	13,004	60,816
32	Stone, clay, and glass products <sup>1</sup> .....	1,097	425	64,960	309,337	611,701	622,520	39,577	64,719	480,367
33	Primary metal industries.....	670	389	151,697	875,945	1,585,392	1,616,124	196,985	175,588	1,468,642
34	Fabricated metal products.....	1,885	740	107,992	567,221	964,731	976,430	43,448	122,956	941,261
35	Machinery, except electrical <sup>2</sup> .....	2,707	846	198,633	1,116,838	1,914,576	1,896,214	91,116	214,221	1,709,644
36	Electrical machinery.....	405	230	76,779	387,825	753,888	746,176	47,456	89,207	722,449
37	Transportation equipment.....	345	219	146,943	905,538	1,527,289	1,531,235	104,962	162,418	1,386,712
38	Instruments and related products.....	174	73	9,407	45,088	77,300	75,984	2,202	9,336	63,086
39	Miscellaneous manufactures (Including Ordnance).....	766	269	35,347	159,487	274,654	272,831	13,987	46,050	305,055
—	Administrative and auxiliary <sup>3</sup> .....	...	...	27,163	195,247	...	...	...	26,054	...

<sup>1</sup>Does not include the number of administrative and auxiliary units.<sup>2</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>3</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
OHIO, TOTAL.....	14,944	5,554	1,192,644	6,434,353	11,321,157	11,426,396	781,428	1,292,692	10,154,385
STANDARD METROPOLITAN STATISTICAL AREAS									
Akron <sup>2</sup> .....	695	229	82,819	473,078	731,086	755,312	55,703	88,561	619,497
Canton <sup>3</sup> .....	472	186	50,981	268,252	492,906	503,083	26,170	56,925	449,371
Cincinnati <sup>4</sup> .....	1,784	769	151,680	809,695	1,493,454	1,501,800	103,560	154,281	1,318,668
Portion in Ohio.....	1,617	712	144,080	772,140	1,423,661	1,431,274	100,719	145,055	1,236,313
Portion in Kentucky.....	167	57	7,600	37,555	69,793	70,526	2,841	9,225	82,355
Cleveland <sup>5</sup> .....	3,896	1,387	264,923	1,511,949	2,452,306	2,488,081	141,667	301,714	2,401,375
Columbus <sup>6</sup> .....	836	306	69,408	363,772	613,870	619,741	47,516	73,633	581,383
Dayton <sup>7</sup> .....	926	366	97,053	552,855	926,187	911,902	41,508	107,218	818,081
Hamilton-Middletown <sup>8</sup> .....	182	90	30,941	191,715	328,056	317,529	25,738	55,052	310,319
Huntington-Ashland <sup>9</sup> .....	273	106	22,829	118,170	243,060	244,252	25,632	24,722	209,703
Portion in Ohio.....	47	24	4,317	21,672	49,673	50,423	4,789	4,561	51,710
Portion in West Virginia.....	184	67	12,301	57,699	116,128	113,395	7,547	14,660	109,666
Portion in Kentucky.....	42	15	6,211	38,799	77,259	80,434	13,296	5,501	48,327
Lima <sup>10</sup> .....	153	56	13,664	72,000	144,747	139,569	6,537	14,722	99,158
Lorain-Elyria <sup>11</sup> .....	243	84	24,434	141,698	254,493	260,027	26,961	30,528	282,297
Springfield <sup>12</sup> .....	205	78	13,079	69,595	128,964	128,030	6,286	16,823	136,505
Steuensville-Weirton <sup>13</sup> .....	158	75	29,909	173,596	341,123	353,473	29,626	32,581	286,683
Portion in Ohio.....	86	36	11,105	64,085	118,088	124,516	18,430	11,678	96,985
Portion in West Virginia.....	72	39	18,804	109,511	223,035	228,957	11,196	20,903	189,698
Toledo <sup>14</sup> .....	726	246	58,232	337,771	550,140	569,765	48,416	63,639	525,501
Wheeling <sup>15</sup> .....	200	80	17,205	85,571	157,246	149,253	9,422	18,787	117,448
Portion in Ohio.....	72	24	4,046	19,271	29,358	28,405	969	4,256	23,516
Portion in West Virginia.....	128	56	13,159	66,300	127,888	120,848	8,453	14,531	93,932
Youngstown <sup>16</sup> .....	567	232	76,713	428,342	736,930	730,087	53,183	86,780	685,996
COUNTIES <sup>17</sup>									
Adams.....	21	3	326	989	1,761	1,800	39	293	1,401
Allen.....	153	56	13,647	71,852	144,747	139,569	6,537	14,691	99,158
Ashland.....	65	27	5,090	23,602	42,359	42,818	1,891	5,077	31,436
Ashtabula.....	48	55	6,984	35,411	77,209	76,847	7,153	8,037	61,162
Athens.....	36	11	2,036	11,026	18,118	17,627	1,241	2,003	12,118
Auglaize.....	68	28	4,290	19,829	32,763	33,517	1,378	4,220	30,612
Belmont.....	72	24	4,046	19,271	29,358	28,405	969	4,256	23,516
Butler.....	182	90	29,149	171,406	328,056	317,529	25,738	31,764	310,319
Carroll.....	28	16	1,556	7,211	13,732	13,362	351	1,939	10,555
Champaign.....	31	15	1,870	8,595	16,909	16,918	2,593	1,558	13,050
Clark.....	205	78	13,079	69,595	128,964	128,030	6,286	16,823	136,505
Clermont.....	37	6	547	1,700	2,836	2,509	105	630	2,479
Clinton.....	53	16	1,884	8,236	14,732	14,677	1,180	1,781	10,975
Columbiana.....	198	77	10,348	47,696	72,306	70,235	5,111	12,129	79,935
Coshocton.....	68	22	3,671	16,287	34,308	36,309	1,953	3,993	30,748
Crawford.....	94	37	7,484	35,715	64,098	63,804	2,416	6,487	42,636
Cuyahoga.....	3,679	1,313	241,367	1,354,924	2,348,080	2,387,425	132,544	279,139	2,296,567
Defiance.....	68	18	3,937	20,338	34,819	35,153	2,837	4,267	29,303
Delaware.....	43	20	1,863	8,436	19,202	19,094	1,895	1,617	17,456
Erie.....	129	52	10,222	51,638	92,386	89,153	3,070	9,085	72,044
Fairfield.....	71	32	7,224	31,806	55,458	59,019	1,537	7,106	42,884
Fayette.....	35	18	1,444	6,327	11,227	11,020	2,380	1,127	7,654
Franklin.....	836	306	68,689	358,880	613,870	619,741	47,516	72,936	581,383
Fulton.....	65	25	2,178	9,173	20,696	21,447	722	2,234	14,527
Gauga.....	67	18	2,227	9,916	16,760	17,031	705	1,880	12,617
Greene.....	64	26	2,386	11,799	25,628	25,811	2,287	2,524	22,670
Guernsey.....	55	26	3,526	13,488	32,427	29,803	1,093	3,015	15,157
Hamilton.....	1,617	712	137,842	726,517	1,423,661	1,431,274	100,719	142,139	1,236,313
Hancock.....	89	30	5,219	23,606	42,849	40,182	3,656	4,744	32,198
Hardin.....	46	16	1,675	7,200	20,351	21,296	580	1,341	11,608
Harrison.....	23	6	1,198	4,186	5,358	5,501	192	1,306	5,402
Henry.....	57	16	2,249	8,977	40,805	41,238	4,004	1,050	8,171
Highland.....	31	13	1,690	5,806	9,836	9,678	272	1,661	8,071
Hocking.....	41	12	1,546	6,169	13,151	13,642	810	1,400	8,303
Holmes.....	49	6	673	2,495	4,678	4,807	555	761	5,584
Huron.....	85	38	3,830	16,332	32,850	31,209	3,452	3,185	25,912
Jackson.....	47	17	1,795	6,827	13,398	13,289	1,927	1,938	10,020
Jefferson.....	86	36	11,063	63,871	118,088	124,516	18,430	11,678	96,985
Knox.....	38	10	3,627	19,797	34,248	31,656	1,164	3,665	28,876
Lake.....	217	74	12,539	68,031	104,226	100,656	9,123	11,897	104,807
Lawrence.....	47	24	4,317	21,672	49,673	50,423	4,789	4,561	51,710
Licking.....	92	30	9,549	49,320	111,523	114,490	7,140	8,480	71,488

See footnotes at end of table.



Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954—Continued

(See text for explanation of column captions)

	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
OHIO—Continued									
COUNTIES <sup>2</sup> Continued									
Logan.....	44	15	1,965	9,048	19,443	19,008	973	1,957	15,167
Lorain.....	243	84	23,754	137,614	254,493	260,027	26,961	30,096	282,297
Lucas.....	726	246	54,097	304,034	550,140	569,765	48,416	60,219	525,501
Madison.....	23	5	731	3,021	5,568	5,710	255	439	3,033
Mahoning.....	332	130	41,943	227,002	389,197	384,139	36,132	48,398	380,460
Marion.....	72	35	6,341	32,153	73,605	67,580	2,614	6,706	48,541
Medina.....	76	24	3,707	16,557	27,822	28,969	1,094	4,511	29,844
Meigs.....	26	5	493	1,840	2,507	2,753	179	535	2,427
Mercer.....	53	14	3,097	14,012	25,886	26,720	510	3,067	22,043
Miami.....	131	64	9,125	43,884	81,400	83,895	3,375	8,890	70,662
Montgomery.....	731	276	83,430	483,839	819,159	802,196	35,846	94,593	724,749
Muskingum.....	104	39	9,705	42,038	77,978	79,094	4,197	9,905	78,765
Ottawa.....	67	20	2,936	13,854	29,175	29,942	2,222	2,762	19,702
Perry.....	40	19	1,674	6,165	10,161	10,193	423	1,840	8,360
Pickaway.....	33	12	2,065	9,428	37,902	38,310	1,921	1,866	18,445
Portage.....	127	48	5,553	27,440	46,691	48,301	1,889	9,039	56,955
Putnam.....	34	9	1,803	6,789	15,310	16,186	241	1,973	22,037
Richland.....	162	67	19,638	111,831	209,361	225,213	7,497	19,541	161,570
Ross.....	52	10	4,270	23,960	47,464	48,268	(D)	4,103	31,919
Sandusky.....	107	41	6,283	31,146	72,970	72,198	2,281	7,775	62,191
Scioto.....	85	28	7,037	32,516	59,832	59,979	2,667	8,475	45,924
Seneca.....	79	35	7,426	36,159	75,245	77,587	3,784	7,625	71,584
Stark.....	472	186	50,726	266,049	492,906	503,083	26,170	56,762	449,371
Summit.....	695	229	79,271	447,906	731,086	755,312	55,703	85,905	619,497
Trumbull.....	235	102	34,015	195,224	347,733	345,948	17,051	37,856	305,535
Tuscarawas.....	146	63	8,790	39,399	78,339	79,410	3,974	9,125	59,003
Union.....	28	8	1,160	4,985	11,654	13,659	804	974	6,486
Van Wert.....	42	11	2,180	9,757	21,220	21,264	504	2,326	15,537
Warren.....	58	18	1,408	6,713	11,044	11,238	866	1,663	10,212
Washington.....	66	28	4,520	23,453	60,169	61,423	3,989	4,447	35,952
Wayne.....	118	64	8,982	42,295	87,627	90,155	5,200	7,820	64,070
Williams.....	84	29	3,590	15,695	27,617	28,681	1,187	2,988	20,951
Wood.....	114	30	6,375	36,082	85,721	86,240	6,028	6,256	67,593
Wyandot.....	37	15	1,275	5,324	10,649	10,879	333	1,001	6,063

(D) Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 3 to Table 2.<sup>2</sup>The Akron Standard Metropolitan Statistical Area consists of Summit County, Ohio.<sup>3</sup>The Canton Standard Metropolitan Statistical Area consists of Stark County, Ohio.<sup>4</sup>The Cincinnati Standard Metropolitan Statistical Area consists of Hamilton County, Ohio; and Campbell and Kenton Counties, Kentucky.<sup>5</sup>The Cleveland Standard Metropolitan Statistical Area consists of Cuyahoga and Lake Counties, Ohio.<sup>6</sup>The Columbus Standard Metropolitan Statistical Area consists of Franklin County, Ohio.<sup>7</sup>The Dayton Standard Metropolitan Statistical Area consists of Greene, Miami, and Montgomery Counties, Ohio.<sup>8</sup>The Hamilton-Middletown Standard Metropolitan Statistical Area consists of Butler County, Ohio.<sup>9</sup>The Huntington-Ashland Standard Metropolitan Statistical Area consists of Cabell and Wayne Counties, West Virginia; Boyd County, Kentucky; and Lawrence County, Ohio.<sup>10</sup>The Lima Standard Metropolitan Statistical Area consists of Allen County, Ohio.<sup>11</sup>The Lorain-Elyria Standard Metropolitan Statistical Area consists of Lorain County, Ohio.<sup>12</sup>The Springfield Standard Metropolitan Statistical Area consists of Clark County, Ohio.<sup>13</sup>The Steubenville-Weirton Standard Metropolitan Statistical Area consists of Jefferson County, Ohio; and Brooke and Hancock Counties, West Virginia.<sup>14</sup>The Toledo Standard Metropolitan Statistical Area consists of Lucas County, Ohio.<sup>15</sup>The Wheeling Standard Metropolitan Statistical Area consists of Ohio and Marshall Counties, West Virginia; and Belmont County, Ohio.<sup>16</sup>The Youngstown Standard Metropolitan Statistical Area consists of Mahoning and Trumbull Counties, Ohio.<sup>17</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

## 1958 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new	All employees, number	Value added by manufacture, unadjusted
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		AKRON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Summit County, Ohio)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 695	<sup>2</sup> 229	82,819	473,078	731,086	755,312	55,703	88,561	619,497
20	Food and kindred products.....	77	24	2,981	17,392	36,607	37,173	2,064	3,361	30,333
24	Lumber and wood products.....	11	5	512	2,788	2,620	3,986	100	516	2,795
26	Pulp, paper and products.....	12	8	326	1,445	2,425	2,400	38	719	3,896
27	Printing and publishing.....	74	18	1,566	9,449	16,609	16,630	617	1,407	13,043
28	Chemicals and products.....	27	9	3,334	19,614	49,308	49,258	2,563	2,889	42,519
30	Rubber products.....	45	31	40,259	227,778	348,597	378,568	30,626	45,930	294,030
32	Stone, clay, and glass products <sup>3</sup> .....	36	15	2,015	10,330	16,065	18,509	1,538	1,512	11,570
33	Primary metal industries.....	22	9	831	4,338	9,255	8,836	548	1,041	7,876
34	Fabricated metal products.....	83	30	8,223	43,283	76,240	75,124	(D)	8,472	71,522
35	Machinery, except electrical <sup>3</sup> .....	186	38	4,746	27,550	48,182	46,381	1,797	6,312	57,738
38	Instruments and related products.....	13	5	298	1,458	2,205	2,243	67	367	3,101
39	Miscellaneous manufactures (including Ordnance).....	52	17	1,913	7,885	9,710	9,105	612	2,761	17,934
--	Administrative and auxiliary <sup>4</sup> .....	...	...	3,548	25,172	...	...	...	2,656	...
		CANTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Stark County, Ohio)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 472	<sup>2</sup> 186	50,981	268,252	492,906	503,083	26,170	56,925	449,371
20	Food and kindred products.....	81	32	4,467	20,463	33,906	35,754	1,259	3,927	26,424
26	Pulp, paper and products.....	12	8	553	2,594	4,829	4,842	147	453	3,177
27	Printing and publishing.....	54	11	1,193	6,195	11,254	11,285	594	1,434	8,175
28	Chemicals and products.....	26	9	490	2,460	11,880	11,880	329	427	6,226
30	Rubber products.....	13	10	1,541	7,102	10,479	10,795	305	1,379	8,457
32	Stone, clay, and glass products <sup>3</sup> .....	36	17	3,190	14,595	23,862	24,520	1,943	3,457	21,169
33	Primary metal industries.....	35	24	16,431	93,307	183,555	192,863	6,108	19,168	165,292
34	Fabricated metal products.....	69	30	6,603	34,003	63,327	62,363	1,476	5,956	53,200
35	Machinery, except electrical <sup>3</sup> .....	72	20	12,490	67,019	116,010	115,211	9,954	15,691	121,965
39	Miscellaneous manufactures (including Ordnance).....	21	5	354	1,703	2,631	2,616	173	560	3,418
--	Administrative and auxiliary <sup>4</sup> .....	...	...	255	2,203	...	...	...	163	...
		CINCINNATI STANDARD METROPOLITAN STATISTICAL AREA (Consists of Hamilton County, Ohio; Campbell and Kenton Counties, Kentucky)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,784	<sup>2</sup> 769	151,680	809,695	1,493,454	1,501,800	103,560	154,281	1,318,668
20	Food and kindred products.....	249	122	17,210	87,534	204,286	206,276	10,945	17,979	166,061
22	Textile mill products.....	13	7	1,059	4,882	9,972	10,019	526	1,062	8,953
23	Apparel and related products.....	89	48	7,295	21,567	33,284	33,878	1,271	7,899	33,778
24	Lumber and wood products.....	41	13	665	2,420	4,303	4,059	122	1,025	5,169
25	Furniture and fixtures.....	71	32	3,823	17,660	32,537	32,539	772	3,558	25,871
26	Pulp, paper and products.....	57	38	6,919	33,070	62,109	62,727	4,623	6,196	48,175
27	Printing and publishing.....	281	91	10,929	54,745	89,693	91,898	5,306	11,942	84,654
28	Chemicals and products.....	102	50	12,004	74,685	258,745	260,422	7,817	11,358	192,799
29	Petroleum and coal products.....	14	6	1,721	9,247	25,049	24,946	840	1,987	23,867
31	Leather and leather goods.....	27	11	2,619	10,109	12,313	12,350	340	1,905	8,508
32	Stone, clay, and glass products <sup>3</sup> .....	86	25	2,106	10,421	18,460	19,005	921	1,652	12,008
33	Primary metal industries.....	50	30	3,237	17,086	27,680	28,207	1,375	4,303	40,292
34	Fabricated metal products.....	208	96	10,626	54,982	89,826	88,262	4,391	14,035	97,074
35	Machinery, except electrical <sup>3</sup> .....	250	90	19,674	105,445	165,991	159,261	8,798	22,264	197,755
36	Electrical machinery.....	47	25	7,957	37,639	81,406	77,370	1,992	8,571	72,840
37	Transportation equipment.....	25	20	25,372	168,151	274,390	290,195	48,588	21,120	210,445
38	Instruments and related products.....	27	8	888	3,697	8,072	7,214	175	2,135	12,451
39	Miscellaneous manufactures (including Ordnance).....	138	54	10,996	49,273	92,267	90,111	4,701	11,897	74,924
--	Administrative and auxiliary <sup>4</sup> .....	...	...	6,238	45,623	...	...	...	2,964	...

See footnotes at end of table.

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Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad- justed (\$1,000)	Ad- justed (\$1,000)			
CLEVELAND STANDARD METROPOLITAN STATISTICAL AREA (Consists of Cuyahoga and Lake Counties, Ohio)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 3,896	<sup>2</sup> 1,387	264,923	1,511,949	2,452,306	2,488,081	141,667	301,714	2,401,371
20	Food and kindred products.....	282	121	15,024	80,910	133,375	135,971	5,382	15,034	129,509
22	Textile mill products.....	40	20	3,450	13,258	20,197	17,742	(D)	4,496	28,500
23	Apparel and related products.....	141	52	9,260	32,380	60,162	64,695	973	10,011	45,826
24	Lumber and wood products.....	66	18	1,303	5,643	7,077	7,841	187	1,166	5,956
25	Furniture and fixtures.....	107	30	3,945	20,285	38,382	38,328	566	4,746	36,690
26	Pulp, paper and products.....	60	35	5,122	25,435	44,009	45,294	2,463	4,214	29,948
27	Printing and publishing.....	495	103	14,027	82,158	141,716	140,984	13,151	14,089	113,053
28	Chemicals and products.....	243	105	14,847	82,668	150,139	150,652	14,537	14,974	163,055
29	Petroleum and coal products.....	36	14	1,725	10,702	34,463	33,379	(D)	1,810	20,440
30	Rubber products.....	16	9	1,885	10,433	13,108	12,714	563	2,165	16,774
32	Stone, clay, and glass products <sup>3</sup> .....	134	52	3,606	19,863	38,450	38,011	3,049	2,859	23,566
33	Primary metal industries.....	213	115	34,841	206,209	363,755	366,492	39,777	41,188	366,122
34	Fabricated metal products.....	671	245	29,685	158,872	251,340	260,514	9,964	34,624	245,415
35	Machinery, except electrical <sup>3</sup> .....	907	256	45,042	263,767	421,582	440,844	18,417	47,952	420,059
36	Electrical machinery.....	141	82	18,394	98,473	197,018	190,868	6,727	20,569	159,901
37	Transportation equipment.....	87	51	42,260	263,708	459,866	468,644	20,823	57,774	495,204
38	Instruments and related products.....	58	26	3,571	18,093	28,427	27,532	854	2,888	19,295
39	Miscellaneous manufactures (including Ordinance).....	186	52	5,835	29,814	49,591	47,108	1,732	10,415	81,778
--	Administrative and auxiliary <sup>4</sup> .....	...	...	11,017	88,994	...	...	...	10,677	...
COLUMBUS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Franklin County, Ohio)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 836	<sup>2</sup> 306	69,408	363,772	613,870	619,741	47,516	73,633	581,383
20	Food and kindred products.....	123	59	9,134	42,099	79,062	80,173	4,077	8,720	86,468
24	Lumber and wood products.....	23	4	419	2,006	2,982	3,235	167	364	2,727
25	Furniture and fixtures.....	34	8	930	4,351	8,811	8,686	63	700	4,429
26	Pulp, paper and products.....	16	13	1,298	6,359	11,181	11,637	675	1,200	8,561
27	Printing and publishing.....	144	35	4,917	25,718	42,696	42,323	2,091	4,285	31,833
28	Chemicals and products.....	59	20	2,219	9,862	21,379	22,238	1,140	1,867	16,351
31	Leather and leather goods.....	13	6	1,955	6,556	9,986	10,138	177	2,221	9,643
32	Stone, clay, and glass products <sup>3</sup> .....	57	19	3,473	18,093	39,207	38,744	1,655	3,412	28,429
33	Primary metal industries.....	27	10	2,236	11,225	15,177	13,923	600	2,451	11,583
34	Fabricated metal products.....	89	36	9,188	50,182	89,802	89,802	2,121	10,578	84,484
35	Machinery, except electrical <sup>3</sup> .....	124	45	13,821	70,279	124,651	127,077	4,000	13,387	87,863
36	Electrical machinery.....	14	6	1,642	8,698	10,778	12,133	(D)	683	4,877
38	Instruments and related products.....	10	6	1,490	7,926	11,878	12,153	272	1,509	9,986
39	Miscellaneous manufactures (including Ordinance).....	48	19	2,441	11,639	20,232	20,796	893	2,247	15,182
--	Administrative and auxiliary <sup>4</sup> .....	...	...	719	4,892	...	...	...	697	...
LAYTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Greene, Miami, and Montgomery Counties, Ohio)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 926	<sup>2</sup> 366	97,053	552,855	926,187	911,902	41,508	107,218	818,081
20	Food and kindred products.....	125	52	6,394	30,874	61,079	63,352	2,221	(5)	(5)
22	Textile mill products.....	8	7	1,312	4,066	9,166	9,110	203		
23	Apparel and related products.....	13	5	311	804	1,500	1,489	98		
24	Lumber and wood products.....	24	7	494	1,865	3,392	3,413	159		
25	Furniture and fixtures.....	28	10	1,075	4,689	6,867	7,874	201		
26	Pulp, paper and products.....	33	24	4,217	21,255	39,178	39,557	2,100		
27	Printing and publishing.....	115	33	8,905	50,247	85,644	87,117	2,920		
28	Chemicals and products.....	39	14	1,234	6,234	15,088	15,753	336		
32	Stone, clay, and glass products <sup>3</sup> .....	41	14	1,777	9,667	21,648	22,659	2,178		
33	Primary metal industries.....	36	20	2,725	14,499	19,778	19,811	2,043		
34	Fabricated metal products.....	101	26	2,142	11,042	18,542	19,018	674		
35	Machinery, except electrical <sup>3</sup> .....	237	90	38,618	235,626	399,816	387,776	20,942		
36	Electrical machinery.....	32	19	10,987	58,540	87,874	82,698	2,394		
37	Transportation equipment.....	26	19	7,180	44,654	78,459	73,010	2,050		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,112	13,333	...	...	...		

See footnotes at end of table.

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## 1958 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
TOLEDO STANDARD METROPOLITAN STATISTICAL AREA (Consists of Lucas County, Ohio)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2726	2446	58,232	337,771	550,140	569,765	48,416	63,639	525,501
20	Food and kindred products.....	83	41	4,753	24,677	52,633	54,920	3,450	4,522	37,324
24	Lumber and wood products.....	23	8	750	3,815	7,551	8,227	154	848	6,728
25	Furniture and fixtures.....	15	7	483	2,691	4,747	3,989	196	483	3,284
26	Pulp, paper and products.....	15	9	1,193	4,946	7,690	7,751	363	1,174	8,468
27	Printing and publishing.....	94	17	1,967	11,704	17,113	17,104	401	1,891	15,300
28	Chemicals and products.....	36	11	1,615	10,058	22,917	22,030	6,921	1,576	23,689
29	Petroleum and coal products.....	11	5	2,375	16,923	38,872	39,787	20,511	2,490	44,098
32	Stone, clay, and glass products <sup>3</sup> .....	39	13	4,331	25,531	68,616	69,149	4,702	3,874	58,649
33	Primary metal industries.....	33	19	3,563	20,816	34,728	35,664	792	5,314	42,512
34	Fabricated metal products.....	108	36	5,356	28,984	42,833	43,891	1,001	5,733	42,517
35	Machinery, except electrical <sup>3</sup> .....	139	35	7,517	41,417	72,619	67,792	2,529	9,450	74,302
37	Transportation equipment.....	26	13	11,292	64,001	95,318	103,266	4,580	11,395	67,205
39	Miscellaneous manufactures (including Ordnance).....	47	7	978	4,024	7,361	7,541	437	1,808	11,282
--	Administrative and auxiliary <sup>4</sup> .....	...	...	4,135	33,737	...	...	...	3,420	...
YOUNGSTOWN STANDARD METROPOLITAN STATISTICAL AREA (Consists of Mahoning and Trumbull Counties, Ohio)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2567	2232	76,713	428,342	736,930	730,087	53,183	86,780	685,996
20	Food and kindred products.....	72	29	2,569	12,124	17,700	19,030	1,319	(6)	(6)
23	Apparel and related products.....	10	4	413	1,110	1,741	1,760	11		
24	Lumber and wood products.....	34	5	286	1,258	1,637	1,479	168		
26	Pulp, paper and products.....	6	6	352	1,395	2,805	2,821	22		
27	Printing and publishing.....	51	12	1,168	6,416	11,098	11,134	219		
28	Chemicals and products.....	18	7	267	1,466	3,771	3,865	90		
32	Stone, clay, and glass products <sup>3</sup> .....	58	21	2,243	10,202	17,942	18,816	1,065		
33	Primary metal industries.....	47	35	41,536	238,162	412,493	412,279	41,652		
34	Fabricated metal products.....	103	51	7,661	43,925	65,979	71,219	2,597		
35	Machinery, except electrical <sup>3</sup> .....	78	25	5,153	29,866	54,201	51,884	1,534		
36	Electrical machinery.....	22	12	4,630	22,176	53,032	52,050	1,554		
37	Transportation equipment.....	16	13	4,521	27,663	49,619	41,499	868		
39	Miscellaneous manufactures (including Ordnance).....	25	5	383	1,461	2,241	2,225	374		
--	Administrative and auxiliary <sup>4</sup> .....	...	...	755	6,116	...	...	...		

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

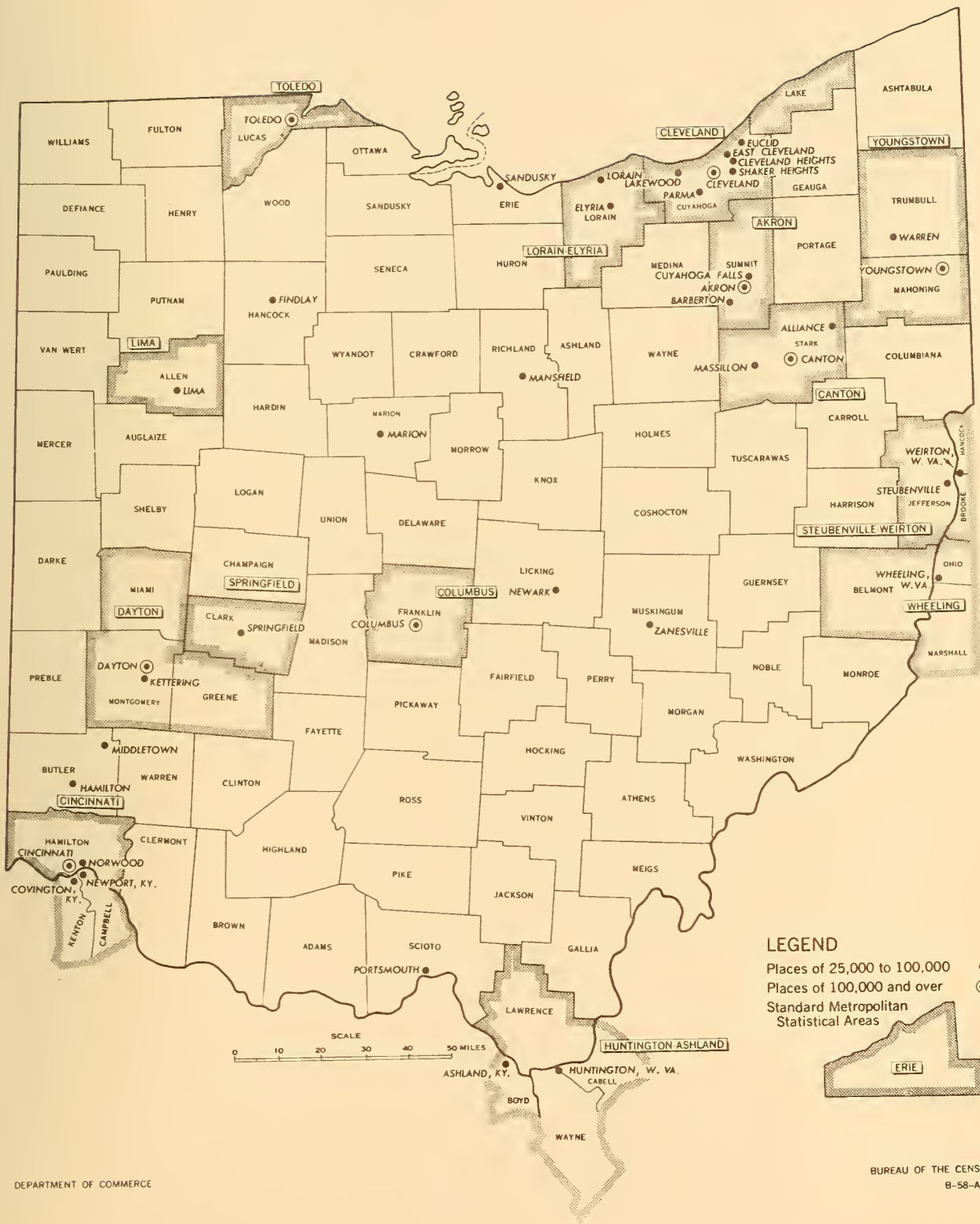
<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

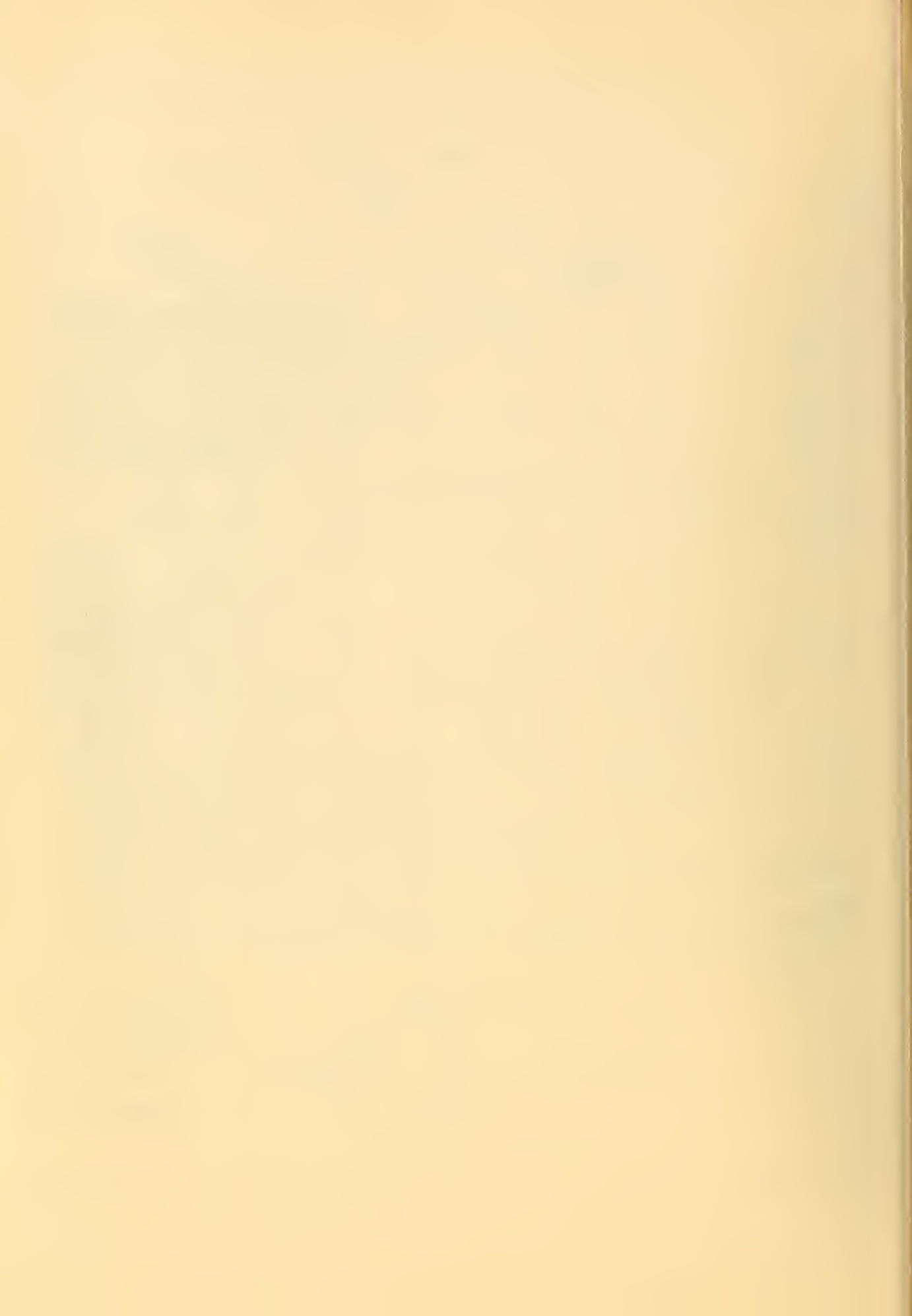
<sup>5</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release. The definition of the standard metropolitan statistical area has been revised since 1954 to include Miami County in addition to the two counties previously included in this area.

<sup>6</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release. The definition of the standard metropolitan statistical area has been revised since 1954 to exclude Mercer County, Pennsylvania which was previously included in this area.



# OHIO















# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S35

### OKLAHOMA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	2,387	2,131	+12
20 or more employees.....	...do.....	574	524	+10
All employees:				
Number.....	Thousands.....	92.9	89.3	+4
Payroll.....	Million dollars	454.2	363.6	+25
Value added by manufacture:				
Unadjusted.....	...do.....	716.1	580.6	+23
Adjusted.....	...do.....	718.4	(NA)	(NA)
Capital expenditures, new.....	...do.....	61.5	51.7	+19

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

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Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954  
(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,387	2,574	92,933	454,186	716,115	718,411	61,528	89,257	580,633
20	Food and kindred products.....	525	154	15,200	60,346	124,299	127,250	7,247	15,655	98,434
23	Apparel and related products.....	65	30	3,475	8,079	14,597	15,524	355	2,368	10,204
24	Lumber and wood products.....	140	20	2,068	5,838	7,975	8,258	455	1,929	7,758
25	Furniture and fixtures.....	77	10	1,666	6,257	12,763	10,869	500	1,620	9,511
26	Pulp, paper and products.....	14	5	625	3,282	8,648	9,144	374	561	6,080
27	Printing and publishing.....	416	55	6,032	26,080	46,347	46,860	2,240	5,732	39,958
28	Chemicals and products.....	93	24	1,479	7,043	15,526	17,108	821	1,561	10,553
29	Petroleum and coal products.....	36	23	6,575	36,589	112,476	109,901	22,072	7,221	98,931
31	Leather and leather goods.....	9	3	327	919	1,783	1,662	21	211	849
32	Stone, clay, and glass products <sup>2</sup> .....	171	48	6,793	28,986	65,190	65,537	10,632	5,847	48,451
33	Primary metal industries.....	38	18	2,959	14,408	21,543	21,698	1,961	3,810	25,494
34	Fabricated metal products.....	176	44	6,091	30,354	53,063	54,573	4,501	6,539	49,343
35	Machinery, except electrical <sup>3</sup> .....	393	92	10,948	54,007	94,815	91,355	4,188	10,768	76,332
36	Electrical machinery.....	31	9	2,132	9,081	17,379	18,839	2,405	1,178	9,341
37	Transportation equipment.....	65	15	9,948	57,429	68,453	68,720	935	10,884	50,080
38	Instruments and related products.....	23	9	628	3,100	5,624	5,724	232	515	3,993
39	Miscellaneous manufactures (including Ordnance).....	106	11	1,128	4,153	6,981	7,410	524	769	4,088
--	Administrative and auxiliary <sup>4</sup> .....	...	...	11,832	85,842	...	...	...	9,406	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for State.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
OKLAHOMA, TOTAL.....	2,387	574	92,933	454,186	716,115	718,411	61,528	89,257	580,633
STANDARD METROPOLITAN STATISTICAL AREAS									
Oklahoma City <sup>2</sup> .....	573	147	17,796	84,342	140,167	142,615	9,077	16,635	108,167
Tulsa <sup>3</sup> .....	628	181	33,348	172,869	249,335	247,494	22,108	32,341	215,272
COUNTIES <sup>4</sup>									
Beckham.....	20	3	305	933	1,818	1,861	142	220	862
Bryan.....	21	5	275	834	1,710	1,598	131	319	1,083
Canadian.....	19	6	368	1,667	3,973	4,033	211	302	3,895
Carter.....	35	7	641	2,499	4,178	4,581	334	751	4,265
Choctaw.....	17	2	317	715	1,017	1,012	(D)	87	460
Cleveland.....	25	2	412	1,618	3,783	3,841	127	292	1,768
Comanche.....	33	10	809	2,848	5,958	6,066	352	670	4,635
Creek.....	32	10	1,561	5,816	10,864	11,015	626	1,951	12,147
Custer.....	26	3	288	916	2,000	2,030	155	261	1,300
Garfield.....	60	17	1,880	8,593	26,432	26,832	2,285	1,901	14,320
Grady.....	36	9	562	1,682	4,702	4,651	451	516	3,950
Kay.....	60	18	3,680	18,930	54,354	52,246	2,546	4,125	46,785
Le Flore.....	27	5	489	966	1,548	1,603	142	409	1,510
Logan.....	14	4	596	1,674	2,591	2,688	220	622	2,561
McCurtain.....	40	9	1,089	3,009	4,400	4,350	328	669	2,493
Mayes.....	20	3	499	3,080	10,120	10,854	406	437	4,505
Muskogee.....	64	28	2,543	9,820	20,774	22,294	985	2,525	16,970
Oklahoma.....	548	145	17,283	76,040	136,384	138,774	8,950	15,899	106,399
Oklmulgee.....	38	10	2,060	11,286	17,816	19,371	749	2,931	20,953
Osage.....	22	3	391	1,399	4,389	4,401	184	468	3,158
Payne.....	32	8	889	3,831	10,018	9,464	835	769	9,679
Pittsburg.....	31	6	954	2,593	4,963	5,563	371	910	4,228
Pottawatomie.....	43	9	2,160	8,298	19,207	19,889	693	1,920	11,449
Seminole.....	31	4	470	1,338	2,426	2,444	141	335	1,927
Tulsa.....	596	171	28,774	149,812	238,471	236,479	21,482	28,895	203,125
Washington.....	28	7	1,730	8,228	17,130	16,374	532	1,960	14,786

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.<sup>2</sup>The Oklahoma City Standard Metropolitan Statistical Area consists of Cleveland and Oklahoma Counties, Oklahoma.<sup>3</sup>The Tulsa Standard Metropolitan Statistical Area consists of Creek and Tulsa Counties, Oklahoma.<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY INDUSTRY GROUPS: 1958 AND 1954

(This State contained no standard metropolitan statistical areas with 40,000 or more manufacturing employees in 1958 and 1954.)

**LEGEND**

- Places of 25,000 to 100,000
- Places of 100,000 and over
- Standard Metropolitan Statistical Areas

Scale: 0 10 20 30 40 50 MILES

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.













# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

February 1960

MC(P)-836

### OREGON

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	5,002	5,870	-15
20 or more employees.....	...do.....	1,158	1,189	-3
All employees:				
Number.....	Thousands.....	134.3	135.3	-1
Payroll.....	Million dollars	645.3	566.7	+14
Value added by manufacture:				
Unadjusted.....	...do.....	1,210.3	1,037.5	+17
Adjusted.....	...do.....	1,220.2	(NA)	(NA)
Capital expenditures, new.....	...do.....	101.9	67.8	+50

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



OREGON

3

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	25,002	21,158	134,340	645,255	1,210,334	1,220,163	101,937	135,309	1,037,456
20	Food and kindred products.....	560	183	20,519	83,574	198,451	199,996	11,561	19,032	141,668
21	Tobacco manufactures.....	...	...	...	...	...	...	...	...	...
22	Textile mill products.....	19	13	2,222	9,874	19,054	17,967	1,024	2,759	14,411
23	Apparel and related products.....	72	25	2,579	8,087	12,957	14,087	154	2,434	13,260
24	Lumber and wood products.....	2,738	588	67,769	326,900	543,135	548,594	58,810	75,635	573,672
25	Furniture and fixtures.....	90	17	1,930	8,061	12,365	12,366	273	1,841	11,745
26	Pulp, paper and products.....	54	36	6,961	38,127	104,259	104,639	9,658	6,030	64,321
27	Printing and publishing.....	348	51	5,317	26,615	45,188	45,335	1,622	5,081	38,179
28	Chemicals and products.....	87	20	1,385	6,947	19,050	20,352	2,447	1,513	17,209
29	Petroleum and coal products.....	12	4	280	1,522	4,976	4,489	82	369	5,210
32	Stone, clay, and glass products <sup>3</sup> .....	194	31	2,778	13,927	25,641	26,154	4,545	1,266	9,720
33	Primary metal industries.....	55	25	4,389	25,440	63,194	62,517	1,786	3,008	34,538
34	Fabricated metal products.....	197	59	4,723	24,132	40,462	43,412	2,166	5,361	36,368
35	Machinery, except electrical <sup>3</sup> .....	297	47	4,364	23,962	44,280	41,607	2,286	3,634	31,261
36	Electrical machinery.....	45	12	2,412	13,680	28,273	28,522	3,673	1,156	10,431
37	Transportation equipment.....	74	19	3,708	19,856	31,588	32,582	1,030	2,448	16,281
38	Instruments and related products.....	17	4	569	2,817	5,005	4,877	277	506	5,266
39	Miscellaneous manufactures (in- cluding Ordnance).....	116	16	1,129	4,629	8,197	8,409	472	1,799	10,459
--	Administrative and auxiliary <sup>4</sup> .....	...	...	876	5,163	...	...	...	966	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete, and establishments classified in Industry 3599, Machine shops, that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.) A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.— GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
OREGON, TOTAL.....	5,002	1,158	134,340	645,255	1,210,334	1,220,163	101,937	135,309	1,037,456
STANDARD METROPOLITAN STATISTICAL AREAS									
Portland area, total <sup>2</sup> .....	1,738	458	58,682	295,396	608,244	608,386	32,148	57,453	475,021
Portion in Oregon.....	1,611	426	50,784	253,914	499,616	499,551	28,219	48,964	386,989
Portion in Washington.....	127	32	7,898	41,482	108,628	108,835	3,929	8,489	88,032
COUNTIES <sup>3</sup>									
Baker.....	46	10	885	4,237	5,967	6,970	545	667	4,433
Benton.....	130	30	2,228	10,922	20,763	20,024	1,230	2,030	14,831
Clackamas.....	228	42	5,275	26,006	61,329	60,325	4,723	5,077	44,219
Clatsop.....	105	27	2,606	11,298	19,204	19,230	1,032	3,101	16,029
Columbia.....	93	13	1,917	9,210	24,892	29,408	1,346	2,760	20,885
Coos.....	228	33	6,158	30,617	53,389	54,464	4,632	6,985	52,601
Crook.....	21	10	1,410	6,692	8,837	8,861	1,533	1,310	10,502
Curry.....	108	22	1,711	8,318	15,446	15,657	2,662	1,532	12,564
Deschutes.....	71	15	1,592	7,955	12,891	13,085	2,715	1,601	10,797
Douglas.....	365	71	8,089	38,842	78,993	77,845	8,662	9,564	80,612
Grant.....	20	7	518	2,430	3,890	3,513	261	694	5,061
Harney.....	5	1	676	3,272	6,282	6,662	770	826	10,433
Hood River.....	48	8	998	4,846	7,980	8,267	2,265	890	5,221
Jackson.....	246	61	5,010	24,544	42,575	42,634	4,097	4,987	37,636
Josephine.....	151	25	2,331	10,607	17,769	17,765	1,485	2,219	17,451
Klamath.....	87	30	3,771	18,028	27,778	28,532	4,466	3,779	26,571
Lake.....	24	10	710	3,570	5,318	5,662	357	891	7,660
Lane.....	496	123	14,188	68,083	119,968	119,900	10,854	13,980	109,063
Lincoln.....	120	16	2,431	11,878	20,018	19,537	(D)	2,507	16,370
Linn.....	197	49	6,651	32,592	58,837	58,686	4,646	6,510	53,971
Marion.....	220	45	5,315	22,068	45,022	45,565	2,798	5,127	39,821
Multnomah.....	1,215	355	40,618	203,744	391,180	391,483	18,924	40,228	315,481
Polk.....	83	22	2,603	11,601	25,666	26,070	2,323	2,878	21,373
Tillamook.....	126	14	2,436	9,841	15,098	17,128	2,138	2,648	15,616
Umatilla.....	98	25	2,720	11,793	25,374	26,019	2,264	2,532	16,755
Union.....	61	13	1,065	4,405	8,045	7,834	702	1,003	7,780
Wallowa.....	36	5	596	3,032	3,976	4,070	385	412	3,392
Wasco.....	32	10	632	3,036	4,762	4,535	427	806	5,835
Washington.....	168	29	4,257	20,059	47,107	47,743	4,572	2,991	27,288
Wheeler.....	5	3	545	3,040	3,753	3,761	373	788	4,463
Yamhill.....	122	21	1,954	7,782	16,410	15,632	1,131	1,967	12,935

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.<sup>2</sup>The Portland, Oregon-Washington Standard Metropolitan Statistical Area consists of Clackamas, Multnomah, and Washington Counties in Oregon and Clark County in Washington.<sup>3</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		PORTLAND STANDARD METROPOLITAN STATISTICAL AREA (Consists of Clackamas, Multnomah and Washington Counties, Oregon; and Clark County, Washington)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,738	2,458	58,682	295,396	608,244	608,386	32,148	57,453	475,021
20	Food and kindred products.....	211	82	10,078	46,046	120,331	117,868	5,363	10,054	87,950
21	Tobacco manufactures.....	...	...	...	...	...	...	...	...	...
22	Textile mill products.....	12	9	2,338	10,495	19,932	18,912	1,017	2,589	14,399
23	Apparel and related products.....	60	24	2,864	9,236	14,224	15,305	147	2,789	17,556
24	Lumber and wood products.....	384	69	7,134	34,114	54,864	54,304	4,285	8,813	61,323
25	Furniture and fixtures.....	77	16	1,817	7,630	11,889	11,905	229	1,761	11,356
26	Pulp, paper and products.....	36	24	7,073	38,363	99,926	100,347	5,787	6,729	72,905
27	Printing and publishing.....	196	32	3,511	18,700	30,299	30,541	931	3,299	25,641
28	Chemicals and products.....	74	19	1,303	6,680	21,678	22,931	2,460	1,417	15,656
32	Stone, clay, and glass products <sup>2</sup> .....	77	17	1,614	8,352	17,383	16,931	1,835	771	5,734
33	Primary metal industries.....	50	26	4,547	27,179	67,345	67,102	1,286	4,617	57,780
34	Fabricated metal products.....	154	51	4,262	21,955	35,871	39,207	1,835	5,052	34,438
35	Machinery, except electrical <sup>3</sup> .....	188	32	3,438	19,263	36,564	34,102	1,551	2,977	25,062
36	Electrical machinery.....	39	14	2,424	13,742	28,214	28,476	3,666	1,085	9,921
37	Transportation equipment.....	51	15	3,335	18,373	29,098	30,206	915	1,950	13,122
39	Miscellaneous manufactures (in- cluding Ordnance).....	83	14	971	4,185	7,110	7,336	414	1,655	9,610
--	Administrative and auxiliary <sup>4</sup> .....	...	...	786	5,230	...	...	...	724	...

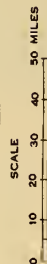
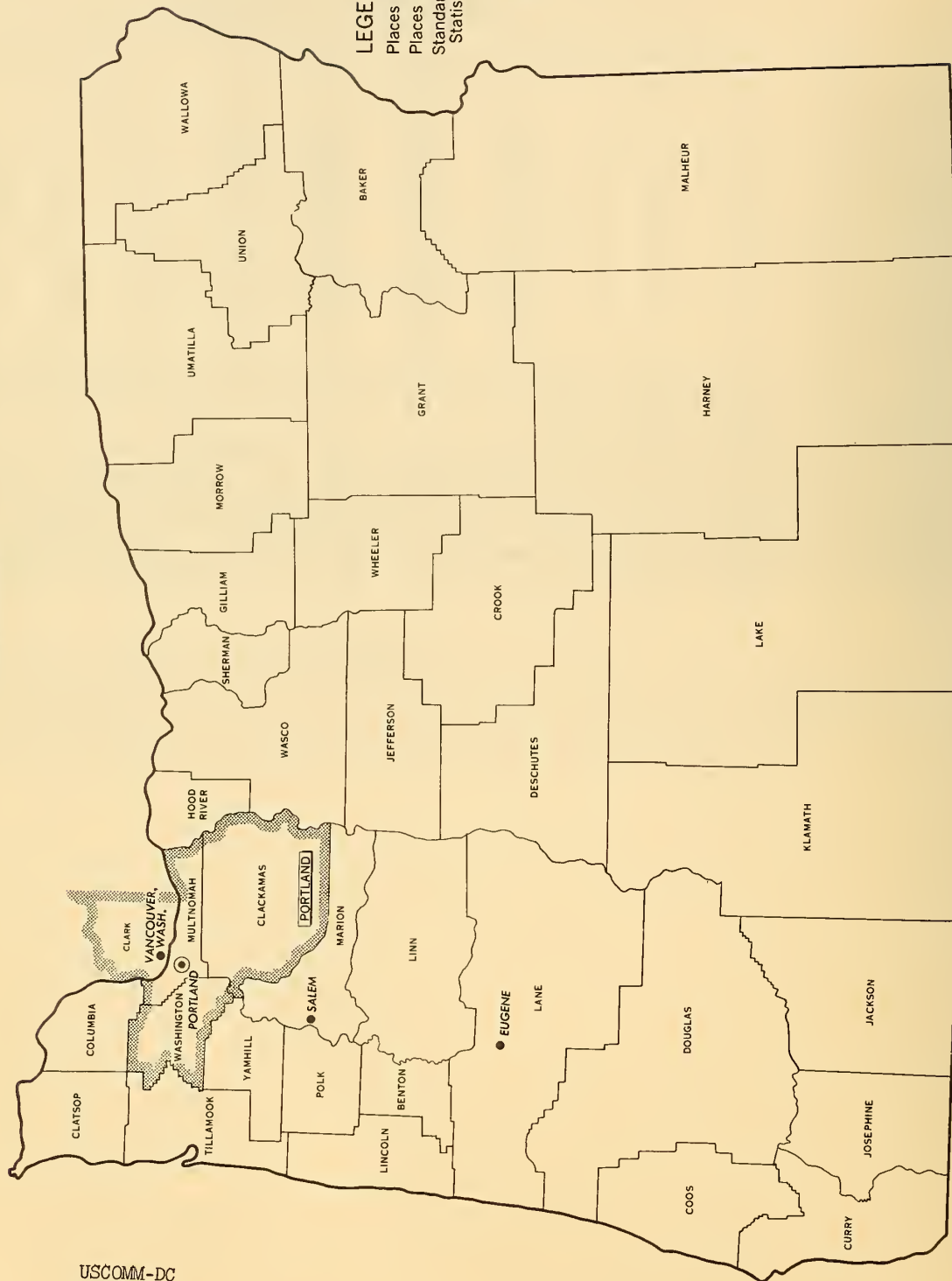
<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete, and establishments classified in Industry 3599, Machine shops, that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

Places of 25,000 to 100,000  
Places of 100,000 and over  
Standard Metropolitan  
Statistical Areas













# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S37

### PENNSYLVANIA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	19,083	18,795	+2
20 or more employees.....	..do.....	7,775	7,631	+2
All employees:				
Number.....	Thousands.....	1,421.7	1,472.0	-3
Payroll.....	Million dollars	6,840.9	5,908.5	+16
Value added by manufacture:				
Unadjusted.....	..do.....	11,538.5	9,930.5	+16
Adjusted.....	..do.....	11,485.7	(NA)	(NA)
Capital expenditures, new.....	..do.....	788.5	619.1	+27

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL.....	19,083	17,775	1,421,749	6,840,920	11,538,475	11,485,651	788,451	1,472,046	9,930,486
20	Food and kindred products.....	2,868	940	115,960	503,824	1,073,455	1,098,098	60,202	113,186	825,920
21	Tobacco manufactures.....	106	62	13,077	37,534	87,768	88,932	3,619	16,365	76,305
22	Textile mill products.....	985	649	84,370	303,572	509,457	505,777	21,775	100,803	497,933
23	Apparel and related products.....	2,276	1,560	156,976	418,753	655,431	660,427	9,598	157,151	547,914
24	Lumber and wood products.....	1,468	140	11,993	38,479	62,058	63,577	5,288	14,425	60,140
25	Furniture and fixtures.....	651	249	23,610	95,401	159,010	159,098	6,249	22,961	124,368
26	Pulp, paper and products.....	413	268	38,974	189,396	381,634	384,384	44,135	38,045	303,918
27	Printing and publishing.....	1,978	484	63,748	323,514	541,745	546,874	26,910	61,783	470,620
28	Chemicals and products.....	748	268	44,785	242,134	706,359	718,980	43,247	45,198	510,561
29	Petroleum and coal products.....	138	45	16,794	102,466	178,301	165,199	39,403	17,476	181,398
30	Rubber products.....	81	40	11,833	59,855	137,699	140,582	4,606	13,046	121,873
31	Leather and leather goods.....	281	206	32,314	98,871	147,567	147,883	2,879	30,679	120,877
32	Stone, clay, and glass products <sup>1</sup> .....	1,143	429	62,604	298,489	593,160	593,076	40,226	64,841	495,123
33	Primary metal industries.....	653	394	228,104	1,326,455	2,193,300	2,234,459	307,890	247,359	1,880,254
34	Fabricated metal products.....	1,702	696	108,867	554,250	936,197	926,475	42,904	105,354	758,120
35	Machinery, except electrical <sup>2</sup> .....	1,849	609	132,718	711,225	1,213,501	1,174,001	47,040	129,260	1,011,674
36	Electrical machinery.....	429	258	94,729	483,387	961,016	922,552	44,390	103,985	953,251
37	Transportation equipment.....	228	113	61,363	320,036	558,242	513,183	17,386	68,330	517,975
38	Instruments and related products.....	216	86	22,967	116,256	208,515	205,616	10,369	25,398	184,523
39	Miscellaneous manufactures (including Ordnance).....	870	280	34,101	142,585	234,060	236,478	10,335	46,018	287,729
--	Administrative and auxiliary <sup>3</sup> .....	...	...	61,862	474,438	...	...	...	50,373	...

<sup>1</sup>Does not include the number of administrative and auxiliary units.<sup>2</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>3</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
PENNSYLVANIA, TOTAL.....	19,083	7,775	1,421,749	6,840,920	11,538,475	11,485,651	788,451	1,472,046	9,930,486
STANDARD METROPOLITAN STATISTICAL AREAS									
Allentown-Bethlehem-Easton, total <sup>2</sup> .....	1,009	542	95,352	434,253	704,062	695,553	45,288	94,208	593,489
Portion in Pennsylvania.....	883	488	84,203	383,714	613,974	609,814	35,470	84,139	522,430
Portion in New Jersey.....	126	54	11,149	50,539	90,088	85,739	9,818	10,069	71,059
Altoona <sup>3</sup> .....	138	57	10,448	39,566	83,232	82,872	8,986	8,460	47,007
Erie <sup>4</sup> .....	428	181	34,817	178,721	315,888	307,825	24,306	40,647	286,397
Harrisburg <sup>5</sup> .....	424	178	32,843	137,075	242,661	246,581	15,792	32,217	188,032
Johnstown <sup>6</sup> .....	304	92	23,666	110,375	188,059	166,606	9,104	23,431	121,772
Lancaster <sup>7</sup> .....	642	280	44,211	191,313	361,251	367,864	15,720	43,681	288,553
Philadelphia, total <sup>8</sup> .....	8,137	3,162	538,527	2,739,096	4,845,268	4,837,375	289,949	564,172	4,023,700
Portion in Pennsylvania.....	7,151	2,837	466,430	2,341,055	4,155,128	4,143,575	232,389	491,478	3,484,429
Portion in New Jersey.....	986	325	72,097	398,041	690,140	693,800	57,560	72,694	539,271
Pittsburgh <sup>9</sup> .....	2,481	916	318,446	1,841,371	2,625,384	2,623,883	269,873	331,570	2,480,530
Reading <sup>10</sup> .....	694	319	48,333	193,115	339,273	341,270	15,761	49,198	294,269
Scranton <sup>11</sup> .....	477	256	27,124	93,313	153,103	153,494	5,120	31,500	164,764
Wilkes-Barre-Hazleton <sup>12</sup> .....	701	354	39,541	125,972	227,066	218,254	7,546	36,980	156,328
York <sup>13</sup> .....	605	299	41,353	167,623	324,001	323,345	15,387	45,390	282,942

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
PENNSYLVANIA—Continued									
COUNTIES <sup>14</sup>									
Adams.....	103	52	6,781	20,886	39,529	39,873	1,369	5,570	24,825
Allegheny.....	1,697	621	184,006	1,014,504	1,684,620	1,674,212	195,634	194,898	1,653,928
Armstrong.....	85	25	5,766	29,193	91,998	91,689	2,269	6,628	74,470
Beaver.....	195	88	44,216	255,893	435,315	445,545	44,423	47,005	394,118
Berks.....	694	319	48,263	192,513	339,273	341,270	15,761	49,130	294,269
Blair.....	138	57	10,439	39,527	85,252	82,872	8,986	8,417	47,007
Bradford.....	82	29	5,129	21,800	39,985	39,618	2,635	4,256	29,177
Bucks.....	476	160	27,621	147,919	339,722	342,473	17,000	35,584	262,728
Butler.....	163	51	11,601	61,935	111,220	104,722	34,326	10,146	88,708
Cambria.....	170	55	20,468	100,980	174,239	152,817	8,423	20,867	113,224
Carbon.....	117	70	7,599	23,086	41,245	40,097	3,817	7,348	35,696
Centre.....	93	26	4,563	19,646	41,660	41,233	850	3,723	32,078
Chester.....	318	131	24,034	123,051	213,553	209,779	38,413	19,660	142,928
Clarion.....	64	16	2,203	9,620	22,002	22,396	964	2,246	16,020
Clearfield.....	146	43	5,685	22,022	40,422	39,938	1,895	5,487	28,384
Clinton.....	60	22	5,700	26,228	47,618	47,866	5,411	5,740	36,814
Columbia.....	112	48	8,761	34,126	58,334	54,780	2,733	10,307	48,067
Crawford.....	134	42	8,743	38,831	71,794	72,567	3,105	9,452	66,867
Cumberland.....	148	63	8,442	33,563	60,223	61,423	5,995	7,725	47,070
Dauphin.....	276	115	23,387	96,550	182,438	185,158	9,797	23,956	140,962
Delaware.....	419	156	45,219	248,798	450,139	438,639	31,059	52,883	428,141
Elk.....	69	28	6,951	32,267	61,291	58,255	6,384	7,263	47,834
Erie.....	428	181	34,817	178,721	315,888	307,825	24,306	40,488	286,397
Fayette.....	184	53	7,011	26,619	51,977	52,436	3,500	7,258	41,294
Forest.....	16	6	689	2,546	4,841	4,923	353	484	3,361
Franklin.....	131	54	8,804	29,293	46,792	47,534	1,731	9,064	51,866
Fulton.....	25	1	343	74.3	891	91.5	25	165	439
Greene.....	34	9	611	1,439	2,659	2,672	154	645	2,208
Huntingdon.....	71	17	2,898	10,345	20,002	18,567	465	3,139	16,511
Indiana.....	88	22	3,132	11,904	24,446	23,973	765	2,787	15,082
Jefferson.....	94	24	4,203	15,510	36,323	36,393	1,472	4,878	32,148
Juniata.....	43	10	765	1,865	3,493	3,050	143	681	2,788
Lackawanna.....	477	238	27,109	93,267	153,103	153,494	5,120	31,478	164,764
Lancaster.....	642	280	42,476	177,515	361,251	367,864	15,720	42,545	288,553
Lawrence.....	142	56	11,503	61,164	108,088	108,549	8,452	13,997	105,761
Lebanon.....	178	95	12,592	47,796	87,887	87,458	5,142	12,248	68,252
Lehigh.....	474	237	33,359	139,592	251,935	253,467	15,939	33,458	209,871
Luzerne.....	701	354	39,408	125,491	227,066	218,254	7,546	36,902	156,328
Lycoming.....	222	100	16,386	65,955	106,440	106,554	4,462	17,953	106,455
McKean.....	138	37	7,445	32,090	62,063	61,476	2,305	7,190	48,490
Mercer.....	155	51	18,976	107,837	226,186	219,138	9,990	19,391	187,613
Mifflin.....	58	25	5,865	24,911	38,919	38,673	1,960	6,310	33,832
Monroe.....	95	38	3,853	15,546	26,670	26,048	1,390	4,119	21,191
Montgomery.....	916	407	63,711	310,786	567,009	577,702	39,420	60,003	435,514
Montour.....	18	7	2,116	8,885	17,069	17,072	429	1,746	14,877
Northampton.....	409	251	45,277	193,471	362,039	356,347	19,531	46,756	312,557
Northumberland.....	192	99	13,581	48,117	103,966	107,064	10,245	12,984	72,150
Perry.....	44	12	821	2,022	3,797	4,005	375	1,104	5,234
Philadelphia.....	5,022	1,983	288,790	1,383,805	2,584,705	2,574,982	106,497	309,792	2,215,118
Potter.....	43	7	894	2,657	3,481	3,316	135	605	2,518
Schuylkill.....	305	163	19,096	59,102	92,208	93,937	4,048	18,662	83,539
Snyder.....	60	25	1,967	4,927	7,628	7,587	309	1,768	6,977
Somerset.....	134	37	3,012	7,920	13,820	13,789	681	2,360	8,548
Sullivan.....	27	6	518	1,444	1,891	1,934	156	677	2,409

See footnotes at end of table.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
PENNSYLVANIA—Continued									
COUNTIES <sup>1,4</sup> —Continued									
Tioga.....	52	20	3,003	11,906	23,603	23,108	697	3,197	19,059
Union.....	38	14	1,470	4,496	7,861	7,804	589	1,402	5,935
Venango.....	101	32	6,974	33,593	57,604	59,439	2,455	7,252	55,017
Warren.....	99	39	4,837	23,107	39,396	38,071	3,948	4,898	39,063
Washington.....	194	68	17,314	93,941	151,174	154,015	9,000	21,687	156,954
Wayne.....	72	15	2,314	7,684	10,907	11,380	225	2,354	8,896
Westmoreland.....	395	139	38,833	214,857	354,275	350,111	20,816	39,818	275,530
Wyoming.....	46	12	936	2,697	4,452	4,789	177	628	1,963
York.....	605	299	41,268	167,199	324,001	323,345	15,387	45,275	282,942

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 3 to Table 2.

<sup>2</sup>The Allentown-Bethlehem-Easton Standard Metropolitan Statistical Area consists of Lehigh and Northampton Counties, Pennsylvania; and Warren County, New Jersey.

<sup>3</sup>The Altoona Standard Metropolitan Statistical Area consists of Blair County, Pennsylvania.

<sup>4</sup>The Erie Standard Metropolitan Statistical Area consists of Erie County, Pennsylvania.

<sup>5</sup>The Harrisburg Standard Metropolitan Statistical Area consists of Cumberland and Dauphin Counties, Pennsylvania.

<sup>6</sup>The Johnstown Standard Metropolitan Statistical Area consists of Cambria and Somerset Counties, Pennsylvania.

<sup>7</sup>The Lancaster Standard Metropolitan Statistical Area consists of Lancaster County, Pennsylvania.

<sup>8</sup>The Philadelphia Standard Metropolitan Statistical Area consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania; and Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>9</sup>The Pittsburgh Standard Metropolitan Statistical Area consists of Allegheny, Beaver, Washington, and Westmoreland Counties, Pennsylvania.

<sup>10</sup>The Reading Standard Metropolitan Statistical Area consists of Berks County, Pennsylvania.

<sup>11</sup>The Scranton Standard Metropolitan Statistical Area consists of Lackawanna County, Pennsylvania.

<sup>12</sup>The Wilkes-Barre-Hazleton Standard Metropolitan Statistical Area consists of Luzerne County, Pennsylvania.

<sup>13</sup>The York Standard Metropolitan Statistical Area consists of York County, Pennsylvania.

<sup>14</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		ALLENTOWN-BETHLEHEM-EASTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Lehigh and Northampton Counties, Pennsylvania; Warren County, New Jersey)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,009	<sup>2</sup> 542	95,352	434,253	704,062	695,553	45,288	94,208	593,489	
20	Food and kindred products.....	139	44	5,143	24,037	44,683	46,152	7,306	3,703	22,189	
22	Textile mill products.....	103	69	8,136	30,822	49,128	48,398	2,556	9,131	45,148	
23	Apparel and related products.....	256	213	17,787	44,830	66,544	67,080	673	18,277	58,838	
25	Furniture and fixtures.....	29	12	515	2,018	3,019	3,132	62	651	3,027	
26	Pulp, paper and products.....	21	14	2,861	12,882	17,699	17,458	3,959	2,967	19,454	
27	Printing and publishing.....	83	17	2,493	11,368	19,911	19,983	1,159	2,452	15,723	
28	Chemicals and products.....	34	16	2,368	11,709	21,199	22,963	1,834	2,243	19,690	
31	Leather and leather goods.....	11	10	1,117	3,445	4,935	4,937	74	1,188	4,679	
32	Stone, clay, and glass products <sup>3</sup> .....	90	43	5,585	27,088	71,036	73,276	8,166	6,124	64,330	
34	Fabricated metal products.....	65	30	5,105	25,793	50,076	47,387	1,343	5,791	43,730	
35	Machinery, except electrical <sup>3</sup> .....	64	24	6,924	33,137	63,442	58,099	2,922	6,127	50,637	
36	Electrical machinery.....	23	17	6,759	30,103	64,950	66,131	4,381	6,766	57,070	
39	Miscellaneous manufactures (including Ordinance).....	27	11	1,689	6,412	12,941	13,149	887	1,241	9,519	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	5,574	50,683	...	...	...	3,943	...	
		ERIE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Erie County, Pennsylvania)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 428	<sup>2</sup> 181	34,817	178,721	315,888	307,825	24,306	40,647	286,397	
20	Food and kindred products.....	64	22	2,236	9,316	24,729	24,970	1,045	2,311	18,749	
24	Lumber and wood products.....	27	5	414	1,408	2,366	2,445	338	365	1,600	
25	Furniture and fixtures.....	13	8	842	3,268	7,893	7,035	89	1,125	7,796	
26	Pulp, paper and products.....	4	4	2,394	13,775	19,889	19,839	9,503	2,452	16,869	
27	Printing and publishing.....	42	10	831	4,182	8,058	8,077	67	1,023	6,437	
32	Stone, clay, and glass products <sup>3</sup> .....	17	5	267	1,216	2,754	2,768	885	159	1,304	
33	Primary metal industries.....	29	21	4,314	24,262	32,245	32,230	5,679	4,491	29,376	
34	Fabricated metal products.....	60	28	3,921	20,030	30,728	30,542	1,440	3,441	22,049	
35	Machinery, except electrical <sup>3</sup> .....	80	29	4,681	24,410	42,254	41,276	1,822	10,813	94,409	
36	Electrical machinery.....	17	12	4,010	20,660	46,014	45,799	646	2,378	14,708	
38	Instruments and related products.....	5	5	1,465	8,148	19,752	18,624	747	1,674	13,755	
39	Miscellaneous manufactures (including Ordinance).....	34	19	2,782	11,544	17,506	16,912	459	2,754	15,604	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	0	0	...	...	...	159	...	
		LANCASTER STANDARD METROPOLITAN STATISTICAL AREA (Consists of Lancaster County, Pennsylvania)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 642	<sup>2</sup> 280	44,211	191,313	361,251	367,864	15,720	43,681	288,553	
20	Food and kindred products.....	148	45	4,336	15,469	30,998	32,490	2,394	3,564	23,504	
21	Tobacco manufactures.....	10	8	927	2,764	5,433	6,167	294	1,142	3,740	
22	Textile mill products.....	26	20	6,187	27,148	62,467	61,389	(D)	7,123	59,656	
23	Apparel and related products.....	61	51	5,016	12,835	19,107	18,450	424	4,706	16,600	
24	Lumber and wood products.....	29	5	257	816	1,321	1,134	92	243	1,078	
25	Furniture and fixtures.....	17	6	473	1,719	3,361	3,497	127	146	611	
26	Pulp, paper and products.....	10	8	416	1,572	2,316	2,321	83	471	2,239	
27	Printing and publishing.....	62	16	1,816	8,697	13,873	13,985	729	1,532	9,793	
31	Leather and leather goods.....	22	21	3,236	9,609	13,941	13,944	130	3,125	10,871	
32	Stone, clay, and glass products <sup>3</sup> .....	27	8	1,740	7,566	14,258	15,244	481	1,657	11,341	
33	Primary metal industries.....	30	14	1,413	6,999	9,769	12,007	1,872	1,215	6,438	
34	Fabricated metal products.....	54	29	3,422	14,731	25,895	26,144	1,084	3,277	20,251	
35	Machinery, except electrical <sup>3</sup> .....	73	23	4,922	25,975	64,691	64,868	1,337	4,787	49,505	
36	Electrical machinery.....	9	6	4,102	22,732	43,178	45,293	1,725	4,423	37,646	
37	Transportation equipment.....	11	5	642	2,961	4,697	4,621	158	372	1,957	
--	Administrative and auxiliary <sup>4</sup> .....	...	...	1,735	13,798	...	...	...	1,136	...	

See footnotes at end of table.



Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		PHILADELPHIA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania; Burlington, Camden and Gloucester Counties, New Jersey)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	28,137	23,162	538,527	2,739,096	4,845,268	4,837,375	289,949	564,172	4,023,700
20	Food and kindred products.....	789	307	51,084	243,073	521,889	534,594	25,711	52,636	432,019
21	Tobacco manufactures.....	18	9	4,351	14,007	30,704	30,759	1,167	6,345	32,486
22	Textile mill products.....	513	318	36,867	144,244	233,803	235,289	6,992	43,877	228,372
23	Apparel and related products.....	1,058	553	55,136	171,544	297,924	298,888	3,275	56,222	243,456
24	Lumber and wood products.....	206	43	2,937	12,219	19,234	19,669	514	3,141	16,900
25	Furniture and fixtures.....	311	90	7,718	34,457	57,033	56,651	3,147	7,324	40,158
26	Pulp, paper and products.....	254	156	20,221	99,960	224,124	225,599	13,989	19,416	177,053
27	Printing and publishing.....	964	253	36,882	193,166	335,307	336,066	14,900	35,099	296,827
28	Chemicals and products.....	450	170	29,735	172,120	541,799	548,519	32,691	29,106	356,757
29	Petroleum and coal products.....	49	22	16,473	104,936	173,028	154,051	49,016	17,373	176,021
30	Rubber products.....	49	23	7,764	42,385	109,935	111,242	3,707	8,541	94,204
31	Leather and leather goods.....	115	60	6,457	23,780	33,401	32,717	794	7,852	37,510
32	Stone, clay, and glass products <sup>3</sup> .....	324	117	12,834	64,195	131,754	137,036	9,017	10,775	88,067
33	Primary metal industries.....	202	112	33,424	197,297	378,052	377,516	49,823	33,696	246,213
34	Fabricated metal products.....	933	324	46,586	236,396	398,464	389,797	15,365	47,315	337,680
35	Machinery, except electrical <sup>3</sup> .....	919	256	47,214	257,743	412,838	411,546	17,325	46,494	348,013
36	Electrical machinery.....	221	111	45,484	261,678	448,706	442,693	22,700	49,944	387,143
37	Transportation equipment.....	101	49	29,774	182,136	294,429	289,418	8,752	42,516	297,369
38	Instruments and related products.....	150	52	12,758	67,046	104,070	103,848	6,963	12,861	85,772
39	Miscellaneous manufactures (including Ordnance).....	511	137	14,220	60,446	98,774	101,477	4,101	16,498	101,627
--	Administrative and auxiliary <sup>4</sup> .....	...	...	20,608	156,268	...	...	...	17,130	...
		PITTSBURGH STANDARD METROPOLITAN STATISTICAL AREA (Consists of Allegheny, Beaver, Washington, and Westmoreland Counties, Pennsylvania)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	22,481	2916	318,446	1,841,371	2,625,384	2,623,883	269,873	331,570	2,480,530
20	Food and kindred products.....	422	128	20,556	101,233	183,220	187,191	15,718	21,646	155,608
23	Apparel and related products.....	68	27	2,163	6,391	10,756	11,081	641	2,243	8,845
24	Lumber and wood products.....	81	7	582	2,645	4,708	4,955	235	835	5,708
25	Furniture and fixtures.....	84	28	2,223	9,836	16,247	16,390	408	2,109	13,558
26	Pulp, paper and products.....	35	22	3,314	14,571	28,297	29,405	2,696	3,199	22,632
27	Printing and publishing.....	335	75	9,065	49,388	73,947	74,527	5,325	8,964	63,559
28	Chemicals and products.....	111	45	6,010	34,304	60,703	60,988	11,066	6,373	71,934
29	Petroleum and coal products.....	22	7	726	4,041	6,533	6,944	737	818	5,705
30	Rubber products.....	9	3	360	1,625	2,944	3,063	156	1,122	6,452
32	Stone, clay, and glass products <sup>3</sup> .....	262	116	17,920	88,228	162,766	157,971	8,686	20,293	145,029
33	Primary metal industries.....	178	118	118,155	718,917	1,149,068	1,188,514	184,947	134,506	1,084,783
34	Fabricated metal products.....	319	144	29,698	161,320	273,879	280,165	16,805	30,360	224,890
35	Machinery, except electrical <sup>3</sup> .....	307	98	29,467	183,242	273,902	252,312	11,043	20,768	175,556
36	Electrical machinery.....	63	35	20,258	109,847	221,673	200,609	7,053	28,080	320,265
37	Transportation equipment.....	28	10	15,650	53,366	87,460	82,196	2,236	10,985	91,353
38	Instruments and related products.....	27	12	3,475	17,858	32,147	32,265	733	4,367	37,277
39	Miscellaneous manufactures (including Ordnance).....	113	37	4,413	21,475	35,723	33,917	1,348	6,275	45,557
--	Administrative and auxiliary <sup>4</sup> .....	...	...	34,077	262,176	...	...	...	28,162	...

See footnotes at end of table.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
READING STANDARD METROPOLITAN STATISTICAL AREA (Consists of Berks County, Pennsylvania)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 694	<sup>2</sup> 319	48,333	193,115	339,273	341,270	15,761	49,198	294,269
20	Food and kindred products.....	114	39	4,411	16,248	29,782	30,136	1,965	4,331	25,309
22	Textile mill products.....	136	82	10,960	34,102	54,316	54,667	1,594	13,401	52,555
23	Apparel and related products.....	52	44	4,338	11,207	16,757	17,426	181	3,706	12,397
24	Lumber and wood products.....	27	4	269	982	1,467	1,525	164	293	1,097
26	Pulp, paper and products.....	20	15	1,388	6,370	13,523	13,552	1,556	1,495	10,709
27	Printing and publishing.....	44	7	941	4,209	7,446	7,446	748	863	6,015
28	Chemicals and products.....	21	6	942	4,251	13,030	13,288	924	937	9,865
31	Leather and leather goods.....	17	13	2,370	7,379	9,980	9,916	266	1,724	6,546
32	Stone, clay, and glass products <sup>3</sup> .....	20	5	617	2,831	7,204	7,138	754	649	7,000
33	Primary metal industries.....	40	26	6,069	31,271	57,618	58,314	3,482	5,854	49,945
35	Machinery, except electrical <sup>3</sup> .....	67	17	5,103	23,966	40,362	34,843	1,427	6,777	45,672
36	Electrical machinery.....	14	9	2,657	12,530	17,432	21,092	859	1,272	12,177
37	Transportation equipment.....	11	7	2,792	15,108	28,109	29,015	168	2,724	23,461
--	Administrative and auxiliary <sup>4</sup> .....	...	...	70	602	...	...	...	68	...
YORK STANDARD METROPOLITAN STATISTICAL AREA (Consists of York County, Pennsylvania)										
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 605	<sup>2</sup> 299	41,353	167,623	324,001	323,345	15,387	45,390	282,942
20	Food and kindred products.....	114	53	3,731	13,637	28,183	29,362	2,100	3,814	22,638
21	Tobacco manufactures.....	43	21	1,829	4,770	11,259	11,293	798	2,404	9,652
22	Textile mill products.....	26	19	3,220	10,479	15,950	15,875	(D)	3,310	14,267
23	Apparel and related products.....	60	45	4,745	11,924	14,302	14,475	122	4,595	11,963
24	Lumber and wood products.....	31	3	296	805	1,383	1,443	112	562	2,074
25	Furniture and fixtures.....	42	25	3,330	13,793	22,784	22,826	615	3,556	19,650
26	Pulp, paper and products.....	25	14	2,833	14,756	30,330	30,829	2,198	2,344	21,710
27	Printing and publishing.....	49	16	2,054	9,095	16,502	17,008	1,428	1,799	12,544
31	Leather and leather goods.....	14	12	2,153	6,083	10,627	10,804	118	1,867	9,221
32	Stone, clay, and glass products <sup>3</sup> .....	30	8	854	3,923	9,175	9,641	737	923	6,425
34	Fabricated metal products.....	38	18	3,343	14,733	27,144	26,242	1,180	3,860	24,109
35	Machinery, except electrical <sup>3</sup> .....	66	28	7,638	38,017	85,214	79,847	1,476	9,155	75,033
36	Electrical machinery.....	9	7	559	3,105	10,363	10,003	446	734	7,045
39	Miscellaneous manufactures (including Ordnance).....	18	9	1,649	7,914	10,059	11,871	330	3,260	22,281
--	Administrative and auxiliary <sup>4</sup> .....	...	...	85	424	...	...	...	115	...

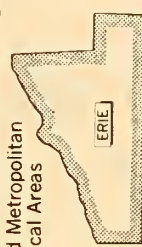
<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

Places of 25,000 to 100,000  
Places of 100,000 and over  
Standard Metropolitan  
Statistical Areas





# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.













# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S38

### RHODE ISLAND

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	2,743	2,635	+4
20 or more employees.....	.....do.....	914	867	+5
All employees:				
Number.....	Thousands.....	116.1	125.0	-7
Payroll.....	Million dollars	458.2	431.9	+6
Value added by manufacture:				
Unadjusted.....	.....do.....	763.1	697.3	+9
Adjusted.....	.....do.....	764.3	(NA)	(NA)
Capital expenditures, new.....	.....do.....	29.9	27.7	+8

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954  
(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,743	2914	116,143	458,165	763,143	764,321	29,923	125,041	697,279
20	Food and kindred products.....	251	62	6,384	27,242	52,375	55,105	3,441	6,116	40,516
22	Textile mill products.....	371	219	28,345	103,059	148,650	144,759	4,954	35,981	179,107
23	Apparel and related products.....	83	50	4,447	11,927	23,464	23,063	340	4,164	18,509
24	Lumber and wood products.....	39	3	344	1,294	2,250	2,312	78	474	2,407
25	Furniture and fixtures.....	30	10	611	2,624	4,140	4,236	751	610	3,715
26	Pulp, paper and products.....	40	25	1,841	6,955	11,672	11,935	750	1,785	9,403
27	Printing and publishing.....	166	32	3,641	17,778	30,071	30,032	1,706	3,661	24,589
28	Chemicals and products.....	81	22	1,790	8,243	17,985	18,573	2,067	1,301	10,216
29	Petroleum and coal products.....	7	3	267	1,597	2,808	3,057	303	361	1,988
30	Rubber products.....	21	15	4,952	23,028	41,586	42,019	991	5,360	34,836
31	Leather and leather goods.....	21	10	991	3,558	6,580	6,624	68	718	3,666
32	Stone, clay, and glass products <sup>3</sup> .....	61	11	1,921	8,953	18,340	17,166	494	2,003	14,443
33	Primary metal industries.....	72	30	6,736	32,743	50,490	54,621	1,598	6,353	52,904
34	Fabricated metal products.....	330	66	6,739	28,216	46,456	44,706	1,639	7,326	41,091
35	Machinery, except electrical <sup>4</sup> .....	252	68	10,384	49,577	86,340	82,176	3,763	12,235	78,728
36	Electrical machinery.....	42	26	5,892	21,236	41,172	40,640	1,293	3,995	27,150
38	Instruments and related products.....	33	15	2,862	12,560	20,657	19,271	378	2,249	13,181
39	Miscellaneous manufactures (Including Ordnance).....	811	238	26,098	86,686	151,161	156,894	5,157	27,980	131,900
—	Administrative and auxiliary <sup>4</sup> .....	...	...	1,072	7,409	...	...	...	1,071	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishments at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954  
(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
RHODE ISLAND, TOTAL.....	2,743	914	116,143	458,165	763,143	764,321	29,923	125,041	697,279
STANDARD METROPOLITAN STATISTICAL AREAS									
Fall River <sup>2</sup> .....	342	176	23,437	74,156	110,834	109,542	4,515	27,005	111,675
Providence <sup>3</sup> .....	2,908	1,000	128,534	514,088	854,681	856,054	33,199	( <sup>4</sup> )	( <sup>4</sup> )
COUNTIES									
Bristol.....	62	28	4,721	19,097	32,412	33,011	770	5,167	29,139
Kent.....	233	76	8,768	33,949	55,200	55,717	2,423	8,142	39,975
Newport.....	48	9	742	3,037	7,230	7,283	355	1,011	8,330
Providence.....	2,318	770	96,791	378,617	644,925	644,380	25,498	105,735	599,873
Washington.....	82	31	4,049	16,056	23,376	23,930	877	3,913	19,961

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

<sup>2</sup>The Fall River Standard Metropolitan Statistical Area consists of Fall River City and Somerset, Swansea, and Westport Towns in Bristol County, Massachusetts; and Tiverton town in Newport County, Rhode Island.

<sup>3</sup>The Providence Standard Metropolitan Statistical Area consists of Central Falls, Cranston, Pawtucket, Providence, and Woonsocket cities and Burrillville, Cumberland, East Providence, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County; Narragansett and North Kingstown towns in Washington County; Warwick city, and Coventry, East Greenwich, and East Warwick towns in Kent County; Jamestown town in Newport County; and all of Bristol County, Rhode Island; Attleboro city, and North Attleboro and Seekonk towns in Bristol County; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County; and Blackstone and Millville towns in Worcester County, Massachusetts.

<sup>4</sup>The definition of this standard metropolitan statistical area has been revised since 1954. Comparable 1954 data based on the new definition for the area were not available in time for inclusion in this preliminary report but will be included in the final report for the State.

## 1958 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		PROVIDENCE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Central Falls, Cranston, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, East Providence, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns in Providence County; Narragansett and North Kingstown towns in Washington County; Warwick city, and Coventry, East Greenwich, and East Warwick towns in Kent County; Jamestown town in Newport County; and all of Bristol County, Rhode Island; Attleboro city, and North Attleboro and Seekonk towns in Bristol County; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County; and Blackstone and Millville towns in Worcester County, Massachusetts.)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,908	2,100	128,534	514,088	854,681	856,054	33,199	(4)	(4)	
20	Food and kindred products.....	239	62	6,258	26,611	51,613	54,278	3,116			
22	Textile mill products.....	352	206	25,453	92,641	134,216	130,389	4,448			
23	Apparel and related products.....	85	50	4,532	12,257	25,769	23,678	351			
24	Lumber and wood products.....	39	3	358	1,388	2,409	2,491	74			
25	Furniture and fixtures.....	29	8	543	2,316	3,766	3,793	759			
26	Pulp, paper and products.....	43	28	2,531	9,452	16,085	16,614	895			
27	Printing and publishing.....	169	33	3,681	17,852	30,311	30,353	1,718			
28	Chemicals and products.....	83	23	1,881	8,618	19,407	20,005	2,449			
30	Rubber products.....	20	15	4,947	22,996	41,516	41,799	991			
32	Stone, clay, and glass products <sup>3</sup> .....	54	12	1,920	9,054	18,302	17,134	451			
34	Fabricated metal products.....	372	82	7,907	32,910	53,482	51,682	1,787			
35	Machinery, except electrical <sup>3</sup> .....	278	71	11,922	58,009	100,818	96,483	6,095			
37	Transportation equipment.....	24	8	770	3,246	6,586	6,766	141			
38	Instruments and related products.....	38	20	4,525	20,044	33,017	31,516	620			
39	Miscellaneous manufacture (Including Ordinance).....	918	301	35,056	124,836	206,318	212,318	5,795			
--	Administrative and auxiliary <sup>2</sup> .....	...	...	1,072	7,409	...	...	...			

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

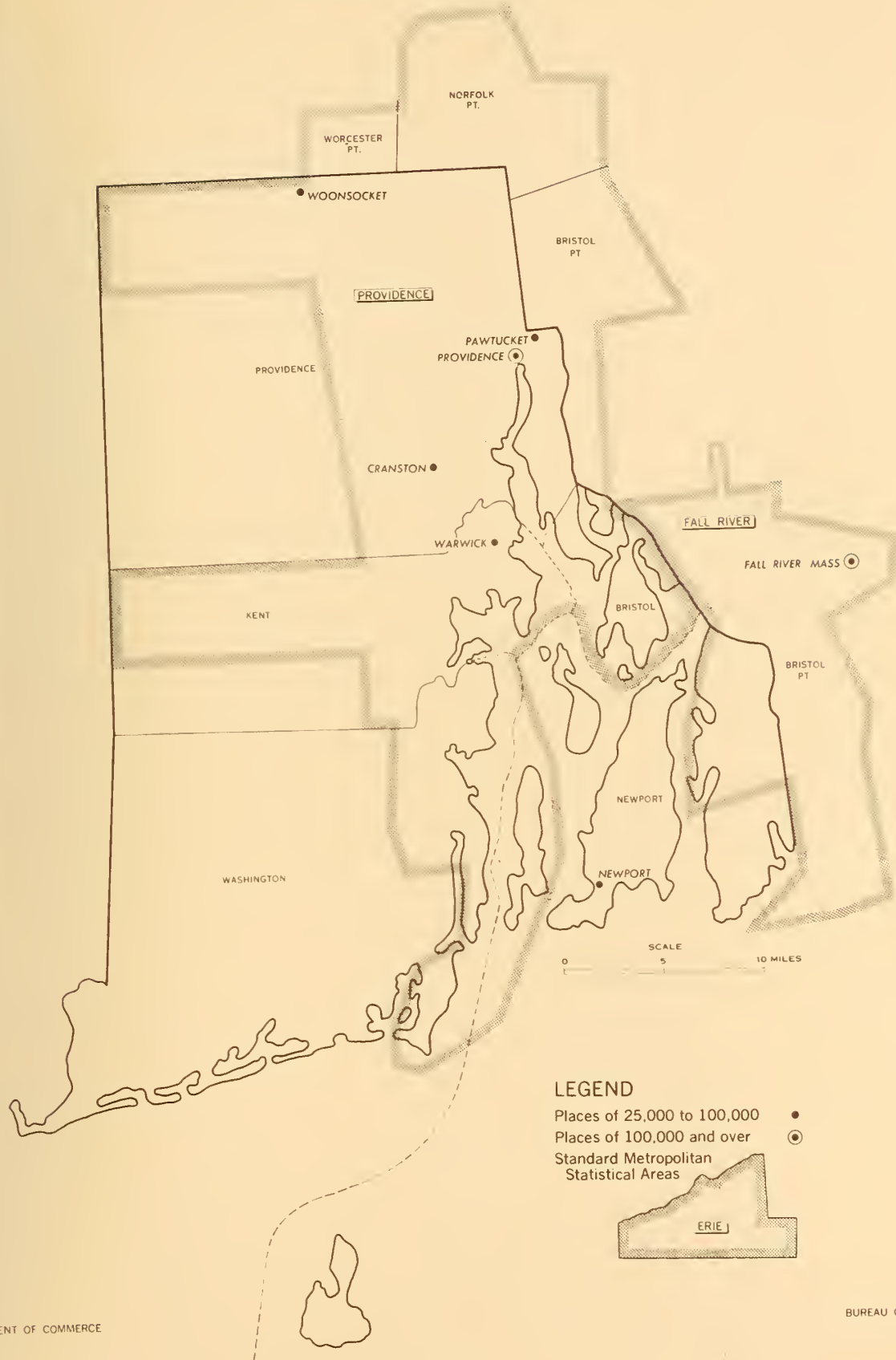
<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>The definition of this standard metropolitan statistical area has been revised since 1954. Comparable 1954 data based on the new definition for the area were not available in time for inclusion in this preliminary release but will be included in the final report for the State.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.



# RHODE ISLAND



## LEGEND

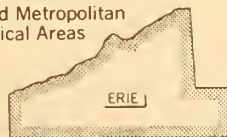
Places of 25,000 to 100,000



Places of 100,000 and over



Standard Metropolitan  
Statistical Areas















# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

February 1960

MC(P)-S39

### SOUTH CAROLINA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	2,876	2,720	+6
20 or more employees.....	...do.....	942	834	+13
All employees:				
Number.....	Thousands.....	224.9	219.8	+2
Payroll.....	Million dollars	729.5	634.7	+15
Value added by manufacture:				
Unadjusted.....	...do.....	1,360.2	1,040.9	+31
Adjusted.....	...do.....	1,348.5	(NA)	(NA)
Capital expenditures, new.....	...do.....	74.7	59.6	+25

NA Not available



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.



Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



## SOUTH CAROLINA

Table 2—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

3

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,876	2942	224,901	729,506	1,360,206	1,348,523	74,740	219,826	1,040,936
20	Food and kindred products.....	366	114	10,301	32,875	69,522	72,232	4,563	9,062	51,417
21	Tobacco manufactures.....	6	6	1,343	3,788	8,389	8,388	717	1,586	5,728
22	Textile mill products.....	290	267	126,546	395,116	659,078	642,863	29,608	129,091	559,826
23	Apparel and related products.....	166	126	25,283	57,785	91,781	91,936	1,737	19,777	67,955
24	Lumber and wood products.....	1,216	175	16,478	34,189	51,992	50,956	5,775	18,057	51,695
25	Furniture and fixtures.....	57	20	3,393	9,620	14,644	14,377	741	2,462	10,071
26	Pulp, paper and products.....	28	19	7,126	35,245	86,541	87,069	17,548	6,213	68,672
27	Printing and publishing.....	192	30	3,132	13,181	22,513	22,789	815	2,871	17,468
28	Chemicals and products.....	112	43	14,299	83,184	233,049	232,860	4,063	19,264	148,166
32	Stone, clay, and glass products <sup>3</sup> .....	136	49	5,298	19,143	45,392	44,748	3,937	4,147	23,488
33	Primary metal industries.....	14	5	681	2,720	6,391	7,076	156	549	4,733
35	Machinery, except electrical <sup>3</sup> .....	115	37	4,130	15,796	27,046	27,723	1,687	2,713	12,842
37	Transportation equipment.....	19	6	541	1,836	2,455	2,428	61	468	2,328
—	Administrative and auxiliary <sup>4</sup> .....	...	...	961	5,505	...	...	...	563	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which serve the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

4.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical area and county	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
South Carolina, total.....	2,876	942	224,901	729,506	1,360,206	1,348,523	74,740	219,826	1,040,936
STANDARD METROPOLITAN STATISTICAL AREAS									
Augusta area <sup>2</sup> .....	183	78	23,124	104,357	207,832	209,599	5,292	27,948	152,594
Portion in South Carolina.....	61	27	14,839	76,805	159,311	161,282	1,488	19,330	106,141
Portion in Georgia.....	122	51	8,285	27,552	48,521	48,317	3,804	8,618	46,453
Charleston <sup>3</sup> .....	164	62	9,441	35,028	72,001	72,879	9,926	9,282	54,333
Columbia <sup>4</sup> .....	257	86	11,189	34,351	62,055	64,238	3,809	9,977	44,540
Greenville <sup>5</sup> .....	276	115	30,063	97,968	175,635	177,280	7,056	27,470	124,076
COUNTIES <sup>6</sup>									
Abbeville.....	22	8	2,458	7,217	12,848	13,284	(D)	2,781	9,515
Aiken.....	61	27	14,489	75,395	159,311	161,282	1,488	19,146	106,141
Allendale.....	21	5	372	1,107	4,024	4,198	59	408	1,461
Anderson.....	110	53	17,301	51,652	89,750	88,538	5,853	16,816	74,458
Bamberg.....	23	7	700	1,669	3,391	3,339	151	823	2,491
Beaufort.....	17	5	278	762	1,415	1,402	121	237	744
Berkeley.....	32	11	1,200	3,142	5,420	5,549	334	1,177	3,490
Charleston.....	164	62	9,417	34,850	72,001	72,879	9,926	9,233	54,333
Cherokee.....	46	15	3,875	11,223	19,383	17,407	570	4,371	15,513
Chester.....	38	10	4,758	14,523	25,505	26,472	(D)	4,685	23,038
Chesterfield.....	81	16	1,845	4,048	6,665	6,700	334	2,009	6,736
Clarendon.....	26	5	883	1,838	3,372	3,339	432	796	3,158
Colleton.....	57	13	1,005	2,090	3,945	3,692	275	1,022	2,774
Darlington.....	51	22	4,786	17,709	33,849	33,573	(D)	4,966	28,387
Dorchester.....	52	15	1,586	4,604	10,439	10,261	546	1,113	5,392
Edgefield.....	41	12	1,457	3,585	7,459	7,217	186	1,508	8,086
Fairfield.....	87	10	2,056	5,395	9,842	9,374	557	2,315	8,526
Florence.....	84	28	3,626	10,245	16,883	16,987	1,457	2,589	9,064
Greenville.....	276	115	29,845	96,534	175,635	177,280	7,056	27,349	124,076
Greenwood.....	77	31	9,621	29,649	51,410	49,001	1,532	10,875	53,360
Hampton.....	38	7	1,131	3,761	7,864	8,261	1,183	1,061	4,056
Horry.....	73	14	1,581	3,452	5,316	5,278	506	1,490	4,012
Jasper.....	18	3	361	754	1,335	1,127	48	625	1,191
Kershaw.....	54	11	3,310	14,087	65,316	65,084	2,242	2,804	40,592
Laurens.....	54	20	6,749	21,041	31,450	29,935	980	6,861	28,271
Lexington.....	101	30	2,916	8,461	16,116	16,248	1,553	2,280	8,937
Marion.....	33	16	1,608	3,948	6,746	6,895	321	1,578	5,217
Marlboro.....	31	11	2,211	7,003	13,279	13,682	1,201	2,562	10,220
New Berry.....	80	15	3,808	10,107	15,633	15,748	513	4,013	16,539
Oconee.....	75	14	5,841	16,173	29,224	26,305	1,136	5,774	20,719
Orangeburg.....	85	29	3,671	10,194	15,757	16,234	832	3,192	11,698
Pickens.....	56	24	6,802	20,707	32,840	31,591	2,030	5,086	21,363
Richland.....	156	56	8,258	25,820	45,939	47,990	2,256	7,691	35,603
Saluda.....	44	8	1,111	2,454	5,070	4,927	275	733	1,900
Spartanburg.....	177	82	25,326	77,825	125,361	119,998	4,933	25,153	104,607
Sumter.....	68	32	3,547	10,625	16,083	16,601	682	2,745	11,990
Union.....	29	12	5,510	16,347	24,532	22,362	1,331	5,359	20,526
Williamsburg.....	34	7	575	1,391	2,334	2,576	46	524	1,987
York.....	87	36	13,281	44,040	87,898	85,892	1,994	12,085	67,580

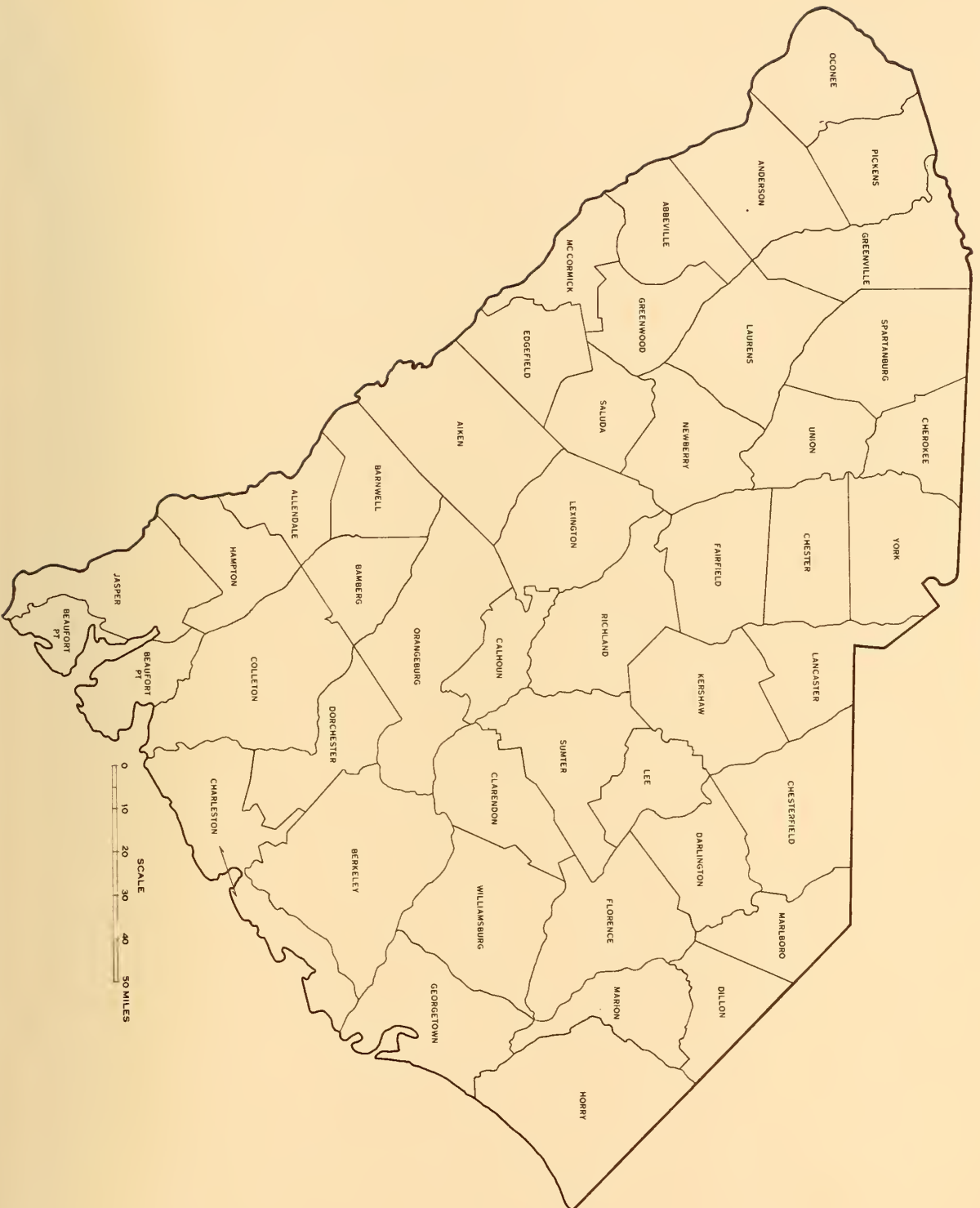
D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.<sup>2</sup>The Augusta Georgia - South Carolina Standard Metropolitan Statistical Area consists of Richmond County Georgia and Aiken County, South Carolina.<sup>3</sup>The Charleston, South Carolina Standard Metropolitan Statistical Area is coextensive with Charleston County, South Carolina.<sup>4</sup>The Columbia, South Carolina Standard Metropolitan Statistical Area consists of Lexington and Richland Counties, South Carolina.<sup>5</sup>The Greenville, South Carolina Standard Metropolitan Statistical Area is coextensive with Greenville County, South Carolina.<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county in this or associated industries or areas, or (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(The State of South Carolina contains no standard metropolitan statistical areas with 40,000 or more manufacturing employees)

## SOUTH CAROLINA









**U. S. DEPARTMENT OF COMMERCE**

**BUREAU OF THE CENSUS**

**WASHINGTON 25, D. C.**

**OFFICIAL BUSINESS**

**POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE**







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S40

### SOUTH DAKOTA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954  
(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	576	546	+5
20 or more employees.....	...do.....	114	92	+24
All employees:				
Number.....	Thousands.....	13.1	11.5	+14
Payroll.....	Million dollars	55.6	41.2	+35
Value added by manufacture:				
Unadjusted.....	...do.....	108.0	77.7	+39
Adjusted.....	...do.....	114.5	(NA)	(NA)
Capital expenditures, new.....	...do.....	5.3	3.4	+56

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOM--DC--



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 576	<sup>2</sup> 114	<sup>3</sup> 13,091	<sup>3</sup> 55,591	108,006	114,455	5,307	<sup>3</sup> 11,543	77,692
20	Food and kindred products.....	203	55	8,205	36,575	76,744	80,015	3,000	7,791	56,713
24	Lumber and wood products.....	59	11	1,043	3,530	3,681	4,833	362	865	3,374
27	Printing and publishing.....	165	17	1,525	5,752	9,426	9,279	517	1,441	8,236
32	Stone, clay, and glass products <sup>4</sup> .....	46	9	653	2,682	5,435	5,547	527	387	2,519
34	Fabricated metal products.....	20	7	497	2,244	4,080	4,438	91	389	3,235
35	Machinery, except electrical <sup>4</sup> .....	20	4	425	1,923	3,847	4,161	454	289	1,742

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
SOUTH DAKOTA, TOTAL.....	576	114	13,091	55,591	108,006	114,455	5,307	11,543	77,692
STANDARD METROPOLITAN STATISTICAL AREAS									
Sioux Falls <sup>2</sup> .....	81	31	6,126	29,296	59,400	63,548	1,776	5,406	44,511
COUNTIES <sup>3</sup>									
Brown.....	31	9	659	2,671	4,826	5,288	408	707	4,393
Codington.....	28	9	716	3,197	4,544	4,566	263	768	4,291
Custer.....	23	5	356	917	1,343	1,312	74	163	714
Davison.....	25	7	537	1,971	3,419	3,525	179	472	1,975
Grant.....	13	5	277	1,040	1,250	1,226	142	215	1,312
Lake.....	12	4	342	1,072	2,097	2,049	201	229	1,210
Lawrence.....	21	3	369	1,384	2,863	2,776	141	381	1,965
Minnehaha.....	81	31	6,126	29,296	59,400	63,548	1,776	5,402	44,511
Pennington.....	64	15	1,224	5,189	7,020	8,457	633	913	5,101

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 3 to Table 2.

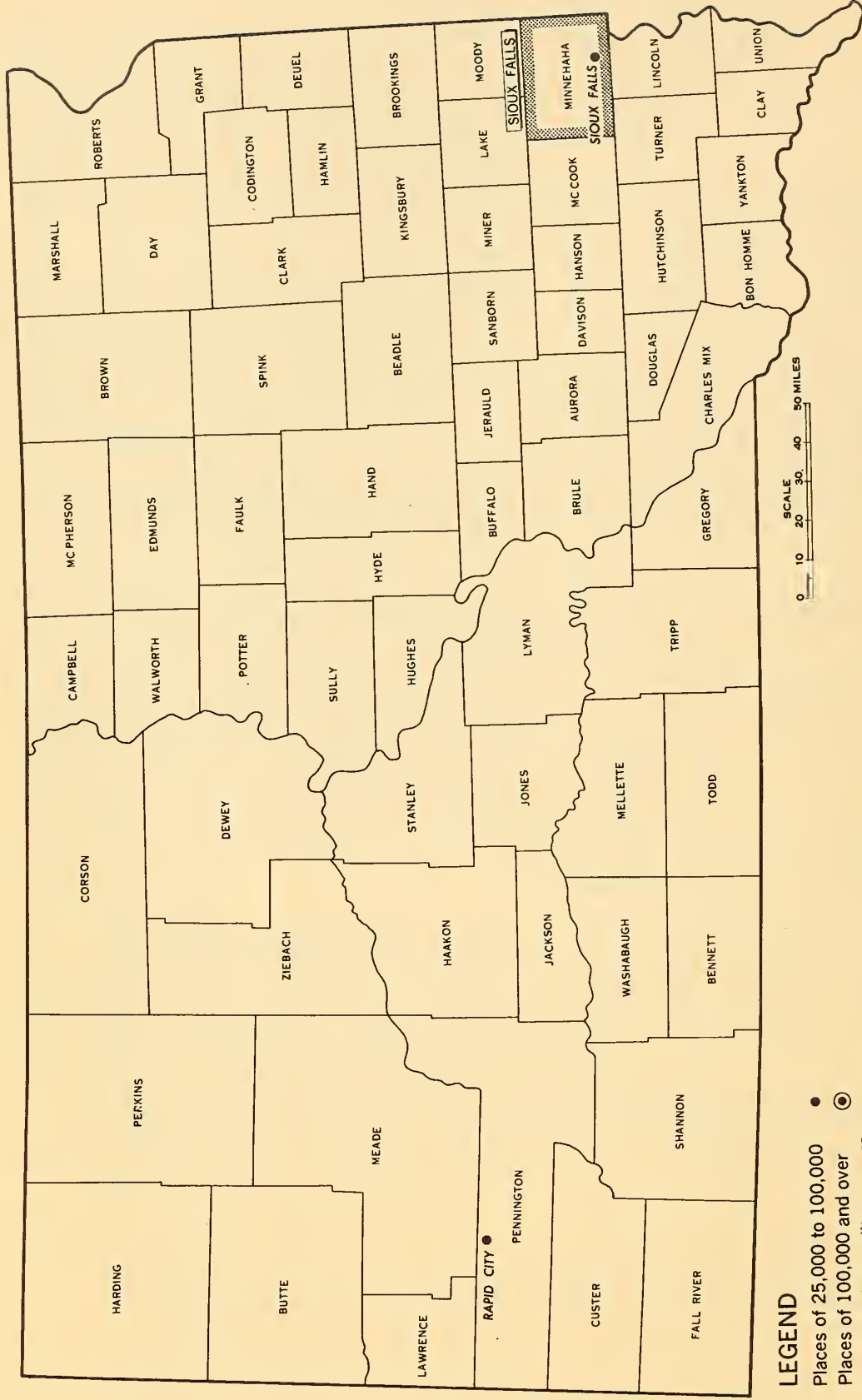
<sup>2</sup>The Sioux Falls Standard Metropolitan Statistical Area consists of Minnehaha County, South Dakota.

<sup>3</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954)

# SOUTH DAKOTA



## LEGEND

- Places of 25,000 to 100,000
- ◉ Places of 100,000 and over
- Standard Metropolitan Statistical Areas









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S41

### TENNESSEE

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
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This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

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Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	4,472	4,058	+10
20 or more employees.....	...do.....	1,532	1,366	+12
All employees:				
Number.....	Thousands.....	280.3	267.5	+5
Payroll.....	Million dollars	1,075.4	882.6	+22
Value added by manufacture:				
Unadjusted.....	...do.....	2,175.6	1,678.8	+30
Adjusted.....	...do.....	2,196.2	(NA)	(NA)
Capital expenditures, new.....	...do.....	143.2	152.7	-6

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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#### STANDARD METROPOLITAN STATISTICAL AREAS

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Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954	
		Establishments, number		All employeea		Value added by manufacture		Capital expendi- tures, new (\$1,000)	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	24,472	21,532	280,330	1,075,407	2,175,627	2,196,180	143,245	267,496
20	Food and kindred products.....	752	286	29,338	112,942	240,219	250,142	14,562	27,362
22	Textile mill products.....	154	127	30,316	89,052	158,640	158,078	6,139	33,365
23	Apparel and related products.....	204	160	37,402	84,355	137,121	137,174	1,713	27,303
24	Lumber and wood products.....	1,192	172	17,603	42,329	65,904	65,942	5,361	18,016
25	Furniture and fixtures.....	220	91	12,435	38,504	61,489	62,908	2,674	10,061
26	Pulp, paper and products.....	63	50	9,141	43,845	108,688	109,490	17,627	7,925
27	Printing and publishing.....	441	75	12,243	55,252	96,756	98,380	6,445	10,067
28	Chemicals and products.....	206	100	39,831	221,116	542,104	542,637	49,601	42,885
29	Petroleum and coal products.....	19	5	456	2,050	4,630	5,506	1,270	338
30	Rubber products.....	29	15	4,219	21,505	56,737	57,494	2,333	5,367
31	Leather and leather goods.....	78	54	11,850	32,511	71,872	71,756	1,357	10,833
32	Stone, clay, and glass products <sup>3</sup> .....	269	72	10,716	44,288	95,411	97,354	7,736	8,483
33	Primary metal industries.....	56	40	10,538	52,677	116,326	107,706	4,681	11,697
34	Fabricated metal products.....	248	99	18,895	80,414	141,764	138,980	6,520	16,528
35	Machinery, except electrical <sup>3</sup> .....	218	55	11,395	54,572	88,221	102,652	4,508	8,397
36	Electrical machinery.....	58	31	5,396	22,175	63,174	69,338	4,484	3,967
37	Transportation equipment.....	64	27	5,355	23,153	47,341	41,300	2,437	5,680
38	Instruments and related products.....	20	5	2,492	12,294	19,224	19,226	1,991	2,175
--	Administrative and auxiliary <sup>4</sup> .....	...	...	2,897	15,162	...	...	...	6,897

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

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## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
TENNESSEE, TOTAL.....	4,472	1,532	280,330	1,075,407	2,175,627	2,196,180	143,245	267,496	1,678,786
STANDARD METROPOLITAN STATISTICAL AREAS									
Chattanooga, total <sup>2</sup> .....	432	197	41,328	166,903	341,633	333,995	*11,601	43,019	277,314
Portion in Tennessee.....	400	185	35,831	149,780	313,011	306,516	10,359	37,326	250,889
Portion in Georgia.....	32	12	5,497	17,123	28,622	27,479	1,242	5,693	26,425
Knoxville <sup>3</sup> .....	395	129	31,056	132,992	268,952	271,926	11,478	34,002	230,105
Memphis <sup>4</sup> .....	701	288	41,055	175,509	386,431	392,748	33,615	42,512	336,167
Nashville <sup>5</sup> .....	503	223	36,566	155,948	266,505	283,401	25,588	32,691	203,655
COUNTIES <sup>6</sup>									
Bedford.....	55	25	2,743	7,603	13,013	12,385	436	2,301	9,680
Bledsoe.....	25	2	375	657	911	897	65	103	204
Bradley.....	68	26	5,258	16,432	32,547	32,984	1,200	4,143	21,105
Campbell.....	29	5	1,431	3,284	3,923	3,893	186	299	1,058
Carroll.....	31	8	2,281	5,193	7,696	7,704	200	1,722	3,949
Carter.....	23	12	4,574	18,121	28,711	28,761	4,185	4,060	24,467
Coffee.....	44	19	1,939	5,437	10,333	10,418	311	2,158	9,288
Cumberland.....	35	6	403	967	1,658	1,655	132	267	719
Davidson.....	503	223	34,681	145,756	266,505	283,401	25,588	30,499	203,655
Dickson.....	30	4	1,086	2,444	3,863	3,987	173	1,104	2,380
Fentress.....	26	3	1,064	2,099	2,355	2,360	127	203	549
Franklin.....	29	8	1,072	2,798	7,084	6,966	(D)	1,112	6,404
Gibson.....	47	17	2,542	6,880	15,124	14,737	468	6,655	30,163
Giles.....	20	6	878	2,927	7,543	7,619	281	1,032	5,172
Greene.....	51	13	2,905	10,650	34,504	35,995	900	2,433	22,120
Hamblen.....	47	22	5,141	19,202	36,745	36,702	1,251	4,359	31,735
Hamilton.....	400	185	35,613	148,509	313,011	306,516	10,359	37,326	250,889
Hardin.....	36	7	1,359	2,597	4,901	4,922	160	1,053	3,163
Haywood.....	18	2	475	979	1,430	1,527	63	269	952
Henderson.....	27	5	666	1,287	2,095	2,088	121	526	1,212
Henry.....	42	6	1,233	3,564	7,355	7,663	(D)	1,165	5,719
Jefferson.....	21	7	1,647	4,867	9,412	9,713	489	837	4,136
Knox.....	314	108	18,849	67,811	126,888	128,287	7,959	20,592	104,594
Lauderdale.....	16	5	373	840	1,660	1,684	90	423	1,138
Lawrence.....	36	7	2,438	8,578	15,515	15,086	1,214	1,077	3,645
Lewis.....	13	3	692	1,633	3,179	3,270	66	315	1,757
Loudon.....	33	11	2,686	7,668	16,035	17,236	762	2,559	7,879
McMinn.....	79	31	4,608	15,476	44,432	44,728	13,141	3,310	14,249
McNairy.....	27	4	1,107	2,802	5,106	5,107	112	794	3,132
Macon.....	23	7	979	2,201	4,968	4,932	152	521	2,497
Madison.....	71	33	3,486	11,346	22,139	21,282	1,463	3,405	13,804
Marion.....	27	6	757	2,166	4,983	5,042	384	777	3,913
Marshall.....	36	14	2,302	8,361	20,063	19,013	701	2,096	11,841
Maury.....	49	21	3,542	15,361	51,118	52,668	3,380	3,647	29,897
Monroe.....	49	11	1,328	3,355	5,874	6,120	208	1,280	5,220
Montgomery.....	55	23	2,656	9,436	15,411	15,664	1,035	2,099	13,579
Obion.....	38	15	1,992	5,954	12,476	12,584	926	1,504	6,901
Overton.....	25	2	1,222	1,920	3,018	3,030	71	1,280	2,076
Putnam.....	56	20	2,199	5,171	9,419	9,562	567	1,504	4,929
Roane.....	32	10	8,965	44,995	106,492	105,988	2,144	8,740	85,087
Robertson.....	34	10	1,222	3,416	7,835	8,552	1,987	553	3,082
Rutherford.....	39	18	1,581	5,434	13,314	13,040	2,002	1,069	6,661
Scott.....	42	6	641	1,348	2,464	2,332	154	444	1,434
Shelby.....	701	288	40,548	172,910	386,431	392,748	33,615	41,804	336,167
Smith.....	13	2	553	1,093	1,800	1,813	61	409	898
Sullivan.....	91	39	18,909	98,845	184,106	183,668	12,365	18,039	145,474
Sumner.....	43	12	2,388	6,172	14,424	14,610	381	1,870	7,597
Tipton.....	17	6	702	2,263	3,712	3,790	162	534	1,959
Warren.....	50	13	2,126	5,538	8,362	8,413	433	1,718	7,114
Washington.....	84	23	3,425	10,462	18,007	18,614	758	3,399	15,595
Wayne.....	22	4	677	1,642	3,792	3,782	64	581	3,798
Weakley.....	37	10	1,593	4,043	6,452	6,496	168	583	2,496
White.....	30	9	1,714	3,640	5,267	5,111	161	1,501	4,530
Williamson.....	26	8	624	2,240	3,866	3,822	193	472	1,845
Wilson.....	32	10	1,332	3,881	6,697	6,570	665	1,118	5,032

D Withheld to avoid disclosing figures for individual companies. \*Revised.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.<sup>2</sup>The Chattanooga Standard Metropolitan Statistical Area consists of Hamilton County, Tennessee; and Walker County, Georgia.<sup>3</sup>The Knoxville Standard Metropolitan Statistical Area consists of Anderson, Blount, and Knox Counties, Tennessee.<sup>4</sup>The Memphis Standard Metropolitan Statistical Area consists of Shelby County, Tennessee.<sup>5</sup>The Nashville Standard Metropolitan Statistical Area consists of Davidson County, Tennessee.<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

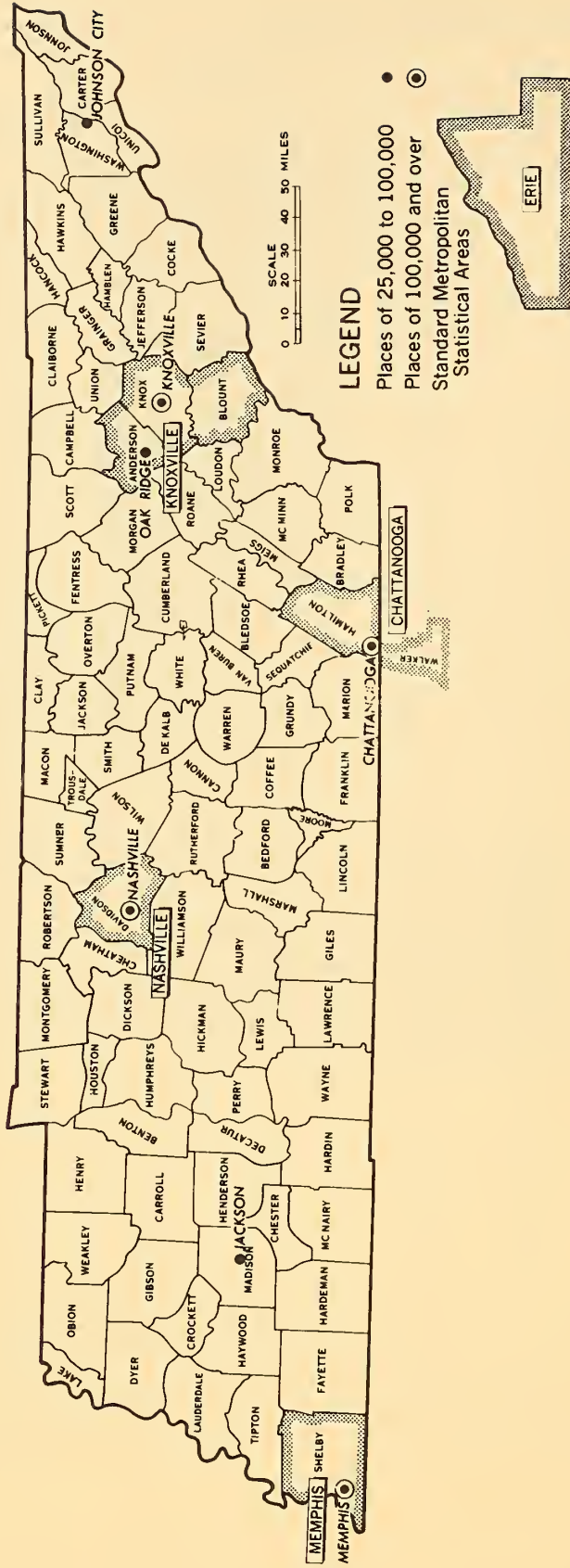
Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
CHATTANOOGA STANDARD METROPOLITAN STATISTICAL AREA (Consists of Hamilton County, Tennessee; and Walker County, Georgia)										
	All industries, total <sup>1</sup> .....	2432	2197	41,328	166,903	341,633	333,995	*11,601	43,019	277,314
20	Food and kindred products.....	66	33	3,411	13,137	27,852	30,897	1,596	3,121	19,533
22	Textile mill products.....	48	43	11,286	34,500	61,194	60,237	2,414	12,355	53,947
24	Lumber and wood products.....	39	9	1,017	3,199	4,953	4,743	179	1,299	5,549
25	Furniture and fixtures.....	25	10	1,066	3,928	6,227	6,240	102	1,141	4,914
26	Pulp, paper and products.....	9	7	1,361	5,661	13,253	13,081	603	1,435	10,734
28	Chemicals and products.....	24	11	3,555	19,815	77,188	75,965	2,273	5,359	73,139
31	Leather and leather goods.....	8	6	479	1,445	2,611	2,603	132	295	1,247
32	Stone, clay, and glass products <sup>3</sup> .....	19	14	2,486	10,271	19,096	19,100	1,463	2,270	12,450
33	Primary metal industries.....	14	11	2,528	11,593	29,281	20,775	661	3,452	23,072
34	Fabricated metal products.....	41	18	8,368	38,884	62,020	58,816	1,175	7,053	41,497
35	Machinery, except electrical <sup>3</sup> .....	39	14	2,645	11,930	20,684	20,726	-273	1,938	12,310
--	Administrative and auxiliary <sup>4</sup> .....	...	...	248	1,427	...	...	...	260	...
MEMPHIS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Shelby County, Tennessee)										
	All industries, total <sup>1</sup> .....	2701	2288	41,055	175,509	386,431	392,748	33,615	42,512	336,167
20	Food and kindred products.....	117	65	7,771	32,392	63,854	66,948	4,306	7,430	53,701
23	Apparel and related products.....	28	17	1,724	4,819	10,904	11,409	82	1,613	6,191
24	Lumber and wood products.....	63	31	4,533	14,243	22,738	22,930	1,426	4,822	28,067
25	Furniture and fixtures.....	55	17	2,742	8,776	13,996	14,318	845	3,003	14,191
26	Pulp, paper and products.....	22	19	3,541	16,995	40,258	40,802	2,764	3,219	29,982
28	Chemicals and products.....	73	39	4,157	20,888	64,282	69,110	16,009	3,466	36,977
29	Petroleum and coal products.....	6	3	356	1,607	2,938	3,593	(D)	270	3,051
32	Stone, clay, and glass products <sup>3</sup> .....	25	9	623	2,733	7,125	7,625	838	481	3,229
33	Primary metal industries.....	15	6	474	2,084	3,165	2,997	78	334	1,688
34	Fabricated metal products.....	70	23	1,603	6,920	11,695	12,359	452	1,697	12,310
35	Machinery, except electrical <sup>3</sup> .....	51	17	3,668	18,630	31,835	32,116	2,359	4,502	34,234
36	Electrical machinery.....	15	5	957	4,164	11,775	11,977	536	631	7,489
39	Miscellaneous manufactures (including Ordnance).....	36	12	1,184	3,762	7,758	7,881	369	782	3,338
--	Administrative and auxiliary <sup>4</sup> .....	...	...	507	2,599	...	...	...	708	...

D Withheld to avoid disclosing figures for individual companies. \*Revised.

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.<sup>2</sup>Does not include the number of administrative and auxiliary units.<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.



# TENNESSEE















# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S42

### TEXAS

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.

This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	10,372	8,890	+17
20 or more employees.....	...do.....	3,109	2,612	+19
All employees:				
Number.....	Thousands.....	480.1	419.2	+15
Payroll.....	Million dollars	2,295.0	1,668.9	+38
Value added by manufacture:				
Unadjusted.....	...do.....	5,036.9	3,501.7	+44
Adjusted.....	...do.....	5,059.4	(NA)	(NA)
Capital expenditures, new.....	...do.....	591.0	452.2	+31

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 10,372	<sup>2</sup> 3,109	480,142	2,294,982	5,036,858	5,059,428	591,037	419,218	3,501,706
20	Food and kindred products.....	1,936	705	72,696	279,418	661,113	683,237	39,705	67,862	533,060
22	Textile mill products.....	76	41	8,698	25,838	40,010	40,587	2,726	8,636	33,754
23	Apparel and related products.....	537	307	32,211	83,214	134,430	135,792	2,878	28,534	98,689
24	Lumber and wood products.....	903	166	17,056	47,069	72,785	76,243	7,543	20,739	76,368
25	Furniture and fixtures.....	502	126	10,808	38,594	67,568	70,149	3,074	9,819	51,606
26	Pulp, paper and products.....	121	73	9,813	51,464	119,434	121,037	31,611	8,126	68,224
27	Printing and publishing.....	1,571	209	26,479	116,451	206,871	210,943	11,892	22,537	154,672
28	Chemicals and products.....	642	242	42,166	254,518	1,063,313	1,063,136	199,033	36,976	722,056
29	Petroleum and coal products.....	134	81	43,938	281,637	665,209	626,596	177,467	40,958	466,391
31	Leather and leather goods.....	93	28	2,883	7,510	11,157	11,257	292	3,410	10,180
32	Stone, clay, and glass products <sup>3</sup> .....	688	248	21,691	87,475	229,030	236,082	23,449	13,729	133,789
33	Primary metal industries.....	184	90	23,805	129,321	291,852	293,878	15,945	22,699	210,214
34	Fabricated metal products.....	754	242	24,435	110,093	191,424	193,754	11,461	18,805	131,543
35	Machinery, except electrical <sup>3</sup> .....	1,238	304	42,453	216,891	416,928	430,459	28,224	32,328	316,205
36	Electrical machinery.....	140	37	10,071	49,577	98,978	95,561	4,742	4,915	34,932
37	Transportation equipment.....	289	108	64,472	375,203	606,934	607,408	21,557	55,426	361,359
38	Instruments and related products.....	102	21	4,174	18,736	38,461	39,474	1,787	2,106	18,128
39	Miscellaneous manufactures (Including Ordnance).....	426	65	7,484	30,299	70,813	72,546	6,800	10,446	51,218
--	Administrative and auxiliary <sup>4</sup> .....	...	...	11,148	75,108	...	...	...	8,854	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
TEXAS, TOTAL.....	10,372	3,109	480,142	2,294,982	5,036,858	5,059,428	591,037	419,218	3,501,706
STANDARD METROPOLITAN STATISTICAL AREAS									
Amarillo <sup>2</sup> .....	146	39	3,705	16,581	37,735	40,456	1,615	3,228	24,773
Austin <sup>3</sup> .....	206	53	4,993	18,902	32,118	33,138	1,681	3,388	17,816
Beaumont-Port Arthur <sup>4</sup> .....	245	94	33,396	201,030	429,375	397,398	132,838	31,030	299,087
Corpus Christi <sup>5</sup> .....	164	49	7,656	39,767	119,191	118,852	10,918	6,910	71,593
Dallas <sup>6</sup> .....	1,756	613	96,044	466,790	841,432	842,703	46,110	81,263	531,649
El Paso <sup>7</sup> .....	196	67	11,524	43,256	87,256	89,638	4,747	9,698	51,252
Fort Worth <sup>8</sup> .....	788	272	56,341	290,270	515,734	528,792	19,789	50,075	372,674
Galveston <sup>9</sup> .....	94	29	10,951	66,694	264,168	270,216	27,615	10,910	156,569
Houston <sup>10</sup> .....	1,744	547	92,782	508,886	1,144,938	1,167,201	150,831	79,147	868,747
Laredo <sup>11</sup> .....	41	13	940	2,164	3,943	3,979	150	856	2,991
Lubbock <sup>12</sup> .....	185	49	4,243	16,969	39,759	43,423	4,437	2,837	22,902
San Angelo <sup>13</sup> .....	86	23	2,018	6,902	12,077	12,857	672	1,865	8,211
San Antonio <sup>14</sup> .....	566	175	20,086	72,554	151,731	153,469	8,132	17,935	111,139
Waco <sup>15</sup> .....	164	65	9,042	37,459	84,885	89,251	4,490	7,846	62,764
Wichita Falls <sup>16</sup> .....	119	41	3,309	13,605	28,193	28,921	1,240	3,026	26,350
COUNTIES <sup>17</sup>									
Anderson.....	27	6	960	3,377	6,769	7,100	(D)	851	4,953
Angeline.....	74	25	4,722	19,940	43,415	42,535	15,097	4,295	32,627
Bastrop.....	24	6	752	2,426	4,525	4,568	281	671	2,342
Bexar.....	566	175	20,061	72,371	151,731	153,469	8,132	17,894	111,139
Bowie.....	63	25	2,714	9,586	16,747	16,370	694	4,279	21,793
Brazos.....	31	8	843	3,068	6,201	6,552	376	481	2,436
Brown.....	46	19	1,125	3,664	6,588	6,862	435	604	2,438
Camp.....	17	4	272	626	1,125	1,213	62	221	657
Cherokee.....	72	21	1,764	4,659	7,120	7,836	522	1,564	5,434
Coleman.....	14	3	254	689	1,209	1,191	107	224	857
Collin.....	39	10	1,637	4,556	7,612	7,365	116	1,554	5,597
Comal.....	21	10	1,897	6,466	12,288	12,812	1,135	1,730	9,555
Cooke.....	40	10	1,149	3,871	7,241	6,851	217	1,392	4,046
Dallas.....	1,610	563	85,930	416,281	804,381	805,550	44,118	72,770	508,271
Dawson.....	21	2	273	869	1,982	2,044	278	89	620
Denton.....	44	16	1,470	5,601	12,543	13,224	925	1,395	8,084
DeWitt.....	22	7	1,089	3,082	4,259	4,401	91	1,121	3,343
Eastland.....	33	5	567	1,474	2,750	2,753	62	657	2,362
Ellis.....	63	24	2,583	8,737	16,896	16,564	951	2,065	9,697
El Paso.....	196	67	11,203	41,164	87,256	89,638	4,747	9,232	51,252
Erath.....	23	5	342	807	1,429	1,422	50	176	760
Fannin.....	31	8	1,251	3,746	8,195	8,700	498	907	2,885
Fayette.....	26	4	282	669	1,477	1,507	47	216	939
Galveston.....	94	29	10,628	63,831	264,168	270,216	27,615	10,910	156,569
Gonzales.....	25	6	485	881	2,217	2,223	122	569	1,882
Gray.....	33	10	1,107	6,556	21,669	22,761	2,079	950	13,611
Grayson.....	99	41	5,221	20,047	38,657	44,427	5,636	4,187	31,826
Gregg.....	92	30	3,048	13,153	22,289	22,508	1,590	2,889	12,253
Grimes.....	14	3	146	421	1,007	1,163	111	115	545
Guadalupe.....	27	13	931	2,432	5,328	5,501	311	546	2,212
Hale.....	33	6	454	1,667	3,121	3,551	410	593	5,351
Hardin.....	29	5	1,223	3,634	5,756	5,960	276	1,209	3,545
Harris.....	1,744	547	89,885	488,613	1,144,938	1,167,201	150,831	77,756	868,747
Harrison.....	62	23	4,051	17,345	46,927	47,727	10,831	3,071	17,587
Henderson.....	22	7	515	1,521	2,513	2,537	188	456	2,189
Hidalgo.....	138	26	2,728	7,797	14,779	14,993	1,168	2,311	9,980
Hill.....	22	7	587	1,488	2,466	2,417	124	690	1,936
Hood.....	6	3	185	419	651	660	6	110	263
Hopkins.....	28	10	721	2,153	6,561	6,968	272	416	3,538
Houston.....	22	4	327	708	1,300	1,354	225	205	529
Howard.....	25	5	841	4,579	23,800	22,055	(D)	710	14,461
Hunt.....	54	27	3,014	11,492	18,452	18,514	555	2,280	10,489
Jasper.....	46	8	1,396	5,746	11,410	11,436	(D)	914	2,954
Jefferson.....	202	76	27,134	162,986	308,759	277,100	116,919	25,445	222,802
Johnson.....	43	18	1,486	4,142	8,079	8,539	261	1,238	4,522
Kaufman.....	23	10	736	2,331	3,859	3,893	158	926	4,594
Lamar.....	45	19	2,012	6,785	15,989	12,970	541	1,713	13,608
Lavaca.....	14	5	321	980	1,878	1,839	149	294	1,563
Liberty.....	40	10	635	1,511	2,341	2,399	249	832	2,475
Limestone.....	11	3	487	1,471	2,274	2,248	77	404	823
Lubbock.....	185	49	4,228	16,857	39,759	43,423	4,437	2,818	22,902
McLennan.....	164	65	8,908	36,741	84,885	89,251	4,490	7,715	62,764

See footnotes at end of table.



Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	All employees, number <sup>1</sup>	
TEXAS--Continued								
COUNTIES--Continued								
Midland.....	41	7	488	2,625	4,231	4,478	360	421
Montague.....	19	4	344	901	1,688	1,709	83	276
Montgomery.....	66	13	1,126	3,115	6,117	5,596	522	1,460
Moore.....	10	5	1,223	7,053	28,846	29,506	1,781	1,378
Nacogdoches.....	49	12	1,584	4,954	9,973	10,875	919	1,643
Navarro.....	37	19	1,966	6,345	10,637	11,817	285	1,922
Nolan.....	23	8	1,037	4,698	20,854	21,132	610	1,112
Nueces.....	164	49	7,438	38,119	119,191	118,852	10,918	6,721
Orange.....	43	18	5,812	34,382	120,616	120,298	15,919	5,380
Palo Pinto.....	27	9	657	2,428	4,267	4,179	424	770
Polk.....	41	5	935	5,526	3,189	3,578	(D)	1,147
Potter.....	135	35	3,410	15,420	33,233	35,783	1,551	3,115
Randall.....	11	4	221	682	4,502	4,673	64	32
Red River.....	25	5	409	897	1,478	1,508	132	224
Rusk.....	40	8	541	1,778	2,922	2,967	500	588
Sabine.....	13	1	703	1,903	2,330	2,187	(D)	950
Shelby.....	35	10	995	2,548	5,844	5,735	249	1,007
Smith.....	111	38	5,457	22,482	39,649	40,390	5,274	3,726
Tarrant.....	745	254	54,308	284,859	507,655	520,253	19,528	48,367
Taylor.....	84	27	3,264	10,391	28,751	12,408	1,016	2,532
Titus.....	21	5	614	2,438	7,272	6,931	(D)	576
Tom Green.....	86	23	2,018	6,902	12,077	12,857	672	1,865
Travis.....	206	53	4,881	18,119	32,118	33,138	1,681	3,388
Tyler.....	32	6	392	1,048	1,741	1,746	186	367
Upshur.....	23	5	256	617	1,035	1,103	55	217
Uvalde.....	10	3	304	873	3,460	3,472	(D)	209
Van Zandt.....	10	4	503	1,636	4,487	4,524	38	475
Walker.....	18	5	326	700	1,295	1,349	82	377
Washington.....	21	7	557	1,682	3,628	3,486	812	497
Webb.....	41	13	940	2,164	3,943	3,979	150	844
Wharton.....	29	6	399	1,265	3,102	2,535	120	348
Wichita.....	119	41	3,238	13,249	28,193	28,921	1,240	3,015
Wilbarger.....	21	4	519	1,546	2,573	2,643	76	459
Williamson.....	23	9	705	2,083	4,050	4,357	250	876

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

<sup>2</sup>The Amarillo Standard Metropolitan Statistical Area consists of Potter and Randall Counties, Texas.

<sup>3</sup>The Austin Standard Metropolitan Statistical Area consists of Travis County, Texas.

<sup>4</sup>The Beaumont-Port Arthur Standard Metropolitan Statistical Area consists of Jefferson and Orange Counties, Texas.

<sup>5</sup>The Corpus Christi Standard Metropolitan Statistical Area consists of Nueces County, Texas.

<sup>6</sup>The Dallas Standard Metropolitan Statistical Area consists of Collin, Dallas, Denton, and Ellis Counties, Texas.

<sup>7</sup>The El Paso Standard Metropolitan Statistical Area consists of El Paso County, Texas.

<sup>8</sup>The Fort Worth Standard Metropolitan Statistical Area consists of Johnson and Tarrant Counties, Texas.

<sup>9</sup>The Galveston Standard Metropolitan Statistical Area consists of Galveston County, Texas.

<sup>10</sup>The Houston Standard Metropolitan Statistical Area consists of Harris County, Texas.

<sup>11</sup>The Laredo Standard Metropolitan Statistical Area consists of Webb County, Texas.

<sup>12</sup>The Lubbock Standard Metropolitan Statistical Area consists of Lubbock County, Texas.

<sup>13</sup>The San Angelo Standard Metropolitan Statistical Area consists of Tom Green County, Texas.

<sup>14</sup>The San Antonio Standard Metropolitan Statistical Area consists of Bexar County, Texas.

<sup>15</sup>The Waco Standard Metropolitan Statistical Area consists of McLennan County, Texas.

<sup>16</sup>The Wichita Falls Standard Metropolitan Statistical Area consists of Wichita County, Texas.

<sup>17</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		DALLAS STANDARD METROPOLITAN STATISTICAL AREA (Consists of Collin, Dallas, Denton and Ellis Counties, Texas)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 1,756	<sup>2</sup> 613	96,044	466,790	841,432	842,703	46,110	81,263	531,649	
20	Food and kindred products.....	213	95	11,665	47,997	118,777	122,019	6,862	(3)	(3)	
22	Textile mill products.....	14	8	1,528	4,832	7,134	7,214	184			
23	Apparel and related products.....	207	124	9,856	28,917	45,464	46,519	1,102			
24	Lumber and wood products.....	46	11	644	2,088	3,861	3,995	207			
25	Furniture and fixtures.....	94	28	2,410	10,211	19,131	19,475	562			
26	Pulp, paper and products.....	43	24	2,868	14,079	21,460	22,621	2,953			
27	Printing and publishing.....	309	64	7,137	32,987	61,180	62,713	5,049			
28	Chemicals and products.....	115	36	2,605	13,368	55,831	58,446	4,879			
29	Petroleum and coal products.....	12	6	448	2,100	4,695	4,694	440			
32	Stone, clay, and glass products <sup>4</sup> .....	92	37	3,077	12,593	33,998	34,932	4,015			
33	Primary metal industries.....	27	9	649	2,405	4,188	4,465	454			
34	Fabricated metal products.....	174	52	4,932	21,699	34,618	34,840	2,003			
35	Machinery, except electrical <sup>4</sup> .....	206	64	7,739	38,206	83,348	85,636	3,983			
36	Electrical machinery.....	44	19	7,758	39,370	76,807	73,199	4,250			
37	Transportation equipment.....	33	15	25,736	152,627	250,191	240,418	6,838			
38	Instruments and related products.....	28	4	786	4,332	5,947	5,595	454			
39	Miscellaneous manufactures (Including Ordnance).....	83	13	1,420	5,834	11,153	12,078	1,659			
--	Administrative and auxiliary <sup>5</sup> .....	...	...	4,424	31,615	...	...	...			
		FORT WORTH STANDARD METROPOLITAN STATISTICAL AREA (Consists of Johnson and Tarrant Counties, Texas)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	<sup>2</sup> 788	<sup>2</sup> 272	56,341	290,270	515,734	528,792	19,789	50,075	372,674	
20	Food and kindred products.....	107	59	8,919	39,087	69,474	71,788	3,207	(3)	(3)	
23	Apparel and related products.....	27	12	1,267	3,056	6,707	6,760	54			
24	Lumber and wood products.....	39	4	306	1,186	1,674	1,878	219			
25	Furniture and fixtures.....	53	15	1,311	4,501	7,083	7,462	326			
26	Pulp, paper and products.....	13	10	1,013	4,756	11,086	11,117	544			
27	Printing and publishing.....	116	17	2,181	10,415	18,078	18,818	867			
28	Chemicals and products.....	42	17	1,097	5,112	13,438	13,646	698			
29	Petroleum and coal products.....	9	5	965	4,206	8,991	9,209	207			
31	Leather and leather goods.....	14	6	531	1,676	2,387	2,482	84			
32	Stone, clay, and glass products <sup>4</sup> .....	27	10	1,171	4,680	14,542	14,486	1,192			
33	Primary metal industries.....	26	9	1,309	6,296	14,092	14,554	532			
34	Fabricated metal products.....	69	22	2,185	9,268	16,714	17,350	642			
35	Machinery, except electrical <sup>4</sup> .....	95	37	4,041	17,757	33,740	34,303	691			
37	Transportation equipment.....	52	29	27,964	170,826	284,775	291,413	9,668			
38	Instruments and related products.....	9	3	265	1,270	3,903	3,882	54			
39	Miscellaneous manufacturea (Including Ordnance).....	65	11	930	3,551	6,559	6,985	730			
--	Administrative and auxiliary <sup>5</sup> .....	...	...	547	1,269	...	...	...			

See footnotes at end of table.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		HOUSTON STANDARD METROPOLITAN STATISTICAL AREA (Consists of Harris County, Texas)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,744	2547	92,782	508,886	1,144,938	1,167,201	150,831	79,147	868,747
20	Food and kindred products.....	165	71	9,611	42,605	128,882	132,787	9,408	8,870	98,462
22	Textile mill products.....	10	4	644	1,998	3,484	3,475	92	589	2,703
23	Apparel and related products.....	53	16	1,891	5,131	9,301	9,556	234	1,772	5,384
24	Lumber and wood products.....	78	12	1,308	4,797	6,709	8,519	282	1,511	6,975
25	Furniture and fixtures.....	89	25	1,963	7,308	13,240	13,484	575	1,899	9,729
26	Pulp, paper and products.....	21	16	2,984	17,859	47,580	48,172	8,298	2,877	23,243
27	Printing and publishing.....	209	32	4,661	22,513	36,337	36,728	1,358	3,865	28,940
28	Chemicals and products.....	137	56	9,846	61,719	254,561	257,560	56,867	9,071	197,728
29	Petroleum and coal products.....	23	13	12,829	88,464	202,221	203,434	41,772	11,809	151,438
30	Rubber products.....	13	7	1,056	4,589	6,679	6,702	191	429	2,968
32	Stone, clay, and glass products <sup>4</sup> .....	109	42	3,777	15,762	41,925	42,884	4,881	1,995	19,247
33	Primary metal industries.....	55	26	5,940	38,415	70,396	71,327	4,862	5,512	53,370
34	Fabricated metal products.....	207	76	9,749	46,829	80,638	83,687	5,358	7,799	56,509
35	Machinery, except electrical <sup>4</sup> .....	371	104	17,499	98,455	191,740	196,858	14,489	15,525	182,511
36	Electrical machinery.....	40	12	1,554	7,410	16,840	16,687	176	902	6,746
37	Transportation equipment.....	54	17	1,832	9,592	12,217	11,822	621	929	5,869
38	Instruments and related products.....	35	8	1,765	8,965	13,194	14,339	940	712	6,245
39	Miscellaneous manufactures (Including Ordnance).....	69	10	968	3,768	8,739	8,883	414	1,661	10,633
--	Administrative and auxiliary <sup>5</sup> .....	...	...	2,897	20,273	...	...	...	1,391	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>Since the definition of the standard metropolitan statistical area has been recently revised, comparable 1954 figures by major industry group were not available at the time of this preliminary release. The final State report will contain 1954 data based on the new definition of the area.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.











# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S45

### UTAH

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	992	852	+16
20 or more employees.....	...do.....	297	234	+27
All employees:				
Number.....	Thousands.....	37.2	29.9	+24
Payroll.....	Million dollars	184.5	120.6	+53
Value added by manufacture:				
Unadjusted.....	...do.....	404.6	276.3	+46
Adjusted.....	...do.....	425.2	(NA)	(NA)
Capital expenditures, new.....	...do.....	30.9	23.4	+32

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



## UTAH

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Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2992	2297	37,204	184,465	404,600	425,206	30,887	29,947	276,343
20	Food and kindred products.....	290	101	8,803	35,303	79,979	82,754	3,871	7,540	50,053
23	Apparel and related products.....	31	15	1,653	4,222	7,538	7,644	103	1,508	4,543
24	Lumber and wood products.....	94	10	767	2,571	3,476	3,390	658	596	2,663
25	Furniture and fixtures.....	36	7	555	2,246	3,459	3,520	138	363	2,515
27	Printing and publishing.....	129	20	2,021	8,874	18,823	19,031	778	1,754	13,354
28	Chemicals and products.....	39	12	1,063	5,371	15,704	16,953	2,617	1,131	12,343
32	Stone, clay, and glass products <sup>3</sup> .....	104	38	2,609	12,303	32,242	32,841	2,869	1,627	21,000
35	Machinery, except electrical <sup>3</sup> .....	60	11	2,315	11,438	21,661	25,222	1,209	1,388	10,002
36	Electrical machinery.....	10	6	578	2,530	5,011	5,195	660	200	1,714
39	Miscellaneous manufactures (including Ordnance)	40	5	486	1,880	2,871	3,012	119	422	3,187
—	Administrative and auxiliary <sup>4</sup> .....	...	...	466	2,717	...	...	...	583	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed Concrete, and establishments classified in Industry 3599, Machine Shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
UTAH, TOTAL.....	992	297	37,204	184,465	404,600	425,206	30,887	29,947	276,343
STANDARD METROPOLITAN AREAS									
Ogden <sup>3</sup> .....	114	42	4,634	22,821	41,699	44,182	3,156	3,079	21,743
Salt Lake City <sup>3</sup> .....	500	164	19,482	90,701	192,469	211,490	14,723	15,511	161,496
COUNTIES <sup>4</sup>									
Box Elder.....	26	8	770	4,314	6,921	6,837	(D)	425	2,063
Cache.....	42	13	973	3,290	8,904	8,652	563	788	5,460
DeVIA.....	31	11	1,079	5,129	13,861	13,666	2,207	1,071	9,703
Salt Lake.....	500	164	19,119	88,435	192,469	211,490	14,723	15,110	161,496
Tooele.....	14	8	537	3,257	5,431	5,331	1,474	479	4,616
Utah.....	95	30	7,398	47,173	115,614	113,900	5,827	6,734	56,578
Weber.....	114	42	4,526	22,126	41,699	44,182	3,156	2,937	21,743

D Withheld to avoid disclosing data for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the Standard Metropolitan Statistical Areas but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.

<sup>2</sup>The Ogden Standard Metropolitan Statistical Area consists of Weber County, Utah.

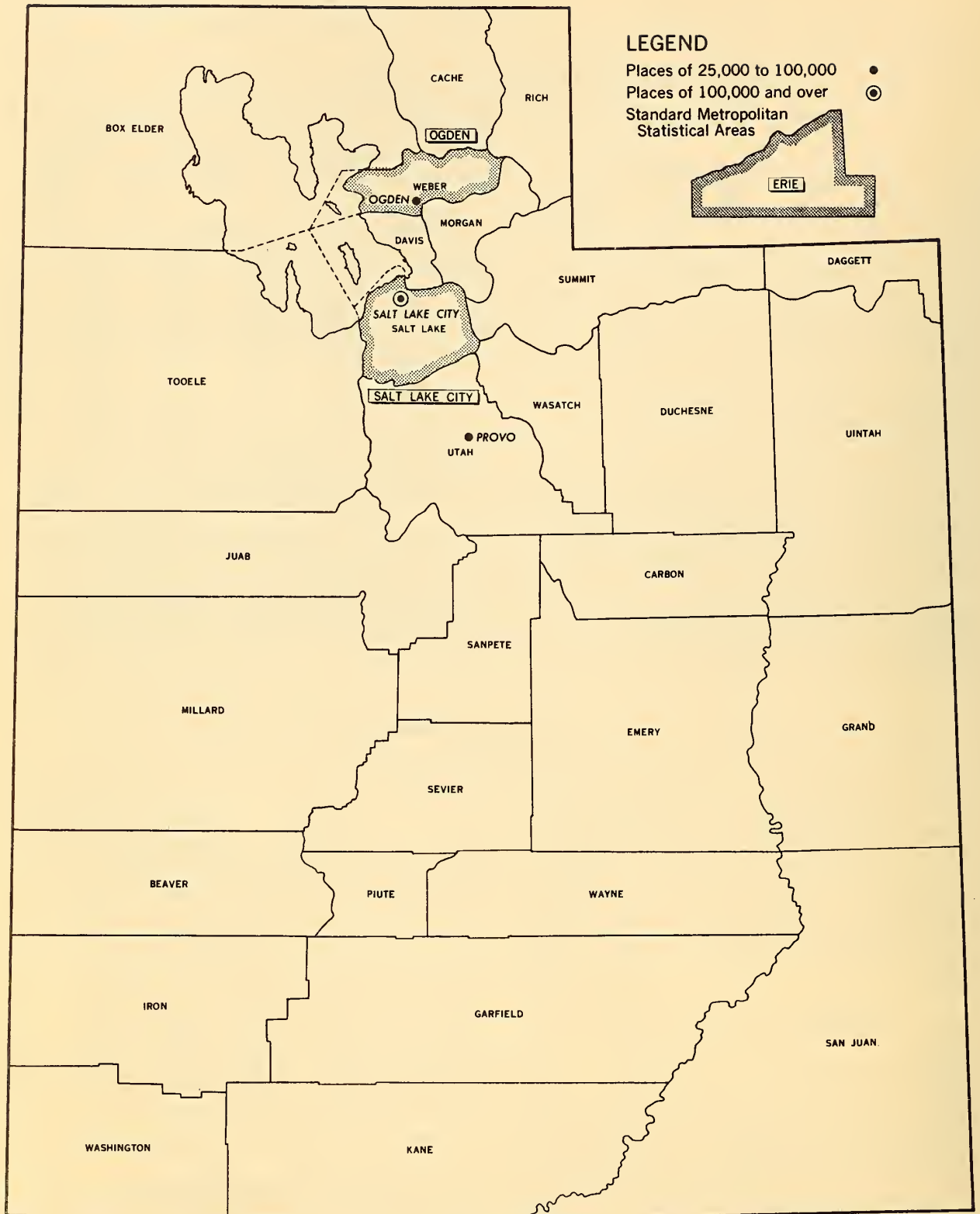
<sup>3</sup>The Salt Lake City Standard Metropolitan Statistical Area consists of Salt Lake County, Utah.

<sup>4</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY INDUSTRY GROUPS: 1958 AND 1954

(This State contained no Standard Metropolitan Statistical Area with 40,000 or more manufacturing employees in 1958 or 1954)

# UTAH









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S44

### VERMONT

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	1,014	1,071	-5
20 or more employees.....	...do.....	279	296	-6
All employees:				
Number.....	Thousands.....	32.7	36.1	-9
Payroll.....	Million dollars	132.7	123.6	+7
Value added by manufacture:				
Unadjusted.....	...do.....	236.2	223.0	+6
Adjusted.....	...do.....	236.3	(NA)	(NA)
Capital expenditures, new.....	...do.....	11.4	8.9	+28

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



## VERMONT

Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,014	2279	32,676	132,745	236,226.	236,342	11,449	36,112	222,965
20	Food and kindred products.....	140	34	2,825	11,526	33,442	34,190	1,350	2,745	25,738
22	Textile mill products.....	15	10	1,070	3,624	6,249	6,254	100	2,279	7,581
23	Apparel and related products.....	28	20	1,900	5,053	7,746	7,672	56	2,249	7,901
24	Lumber and wood products.....	386	47	3,818	11,159	17,071	17,527	1,470	4,820	18,233
25	Furniture and fixtures.....	21	12	1,539	5,774	8,523	8,431	279	1,358	6,012
26	Pulp, paper and products.....	22	17	2,275	10,048	20,220	20,891	817	2,031	15,051
27	Printing and publishing.....	87	22	2,197	8,676	13,828	14,061	641	1,335	7,739
28	Chemicals and products.....	16	4	251	1,027	3,751	4,013	107	231	2,726
31	Leather and leather goods.....	9	5	689	2,186	3,678	3,132	102	536	2,372
32	Stone, clay, and glass products <sup>3</sup> .....	146	44	4,183	17,250	26,199	26,363	1,057	4,034	20,190
34	Fabricated metal products.....	31	9	884	4,056	8,398	8,456	230	889	5,920
35	Machinery, except electrical <sup>3</sup> .....	51	23	6,043	29,018	39,853	39,928	1,708	7,811	63,727
36	Electrical machinery.....	9	6	1,253	5,666	8,248	8,027	(D)	826	5,167
39	Miscellaneous manufactures (including Ordnance).....	33	15	1,836	9,310	13,028	12,729	574	2,884	19,663
--	Administrative and auxiliary.....	...	...	104	485	...	...	...	213	...

<sup>1</sup> Withheld to avoid disclosing figures for individual companies.<sup>2</sup> The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.<sup>3</sup> Does not include the number of administrative and auxiliary units.<sup>4</sup> The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.<sup>5</sup> In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)			
VERMONT, TOTAL.....	1,014	279	32,676	132,745	236,226	236,342	11,449	36,112	222,965
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)									
COUNTIES <sup>2</sup>									
Addison.....	38	10	1,248	4,333	8,984	9,100	240	1,146	6,756
Bennington.....	82	30	3,381	13,375	22,918	24,055	1,005	3,458	19,570
Caledonia.....	56	8	1,486	5,616	11,671	11,612	624	1,950	12,336
Chittenden.....	110	39	4,095	19,468	34,081	33,888	3,416	4,978	30,805
Franklin.....	49	12	1,675	7,152	19,399	18,866	589	1,782	14,229
Lamoille.....	31	7	473	1,368	1,708	1,966	109	594	1,963
Orleans.....	39	13	1,234	4,230	6,215	6,560	264	1,150	5,560
Rutland.....	116	28	3,896	14,315	31,596	30,067	1,195	4,538	22,669
Washington.....	178	58	4,015	15,802	26,883	27,100	759	3,232	16,338
Windham.....	126	36	3,187	11,886	25,078	24,371	868	3,321	20,558
Windsor.....	114	25	6,030	27,915	37,474	38,028	2,007	8,012	62,724

<sup>1</sup> The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.<sup>2</sup> The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

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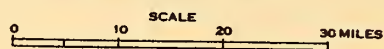
(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954)

# VERMONT



## LEGEND

Places of 25,000 to 100,000 •









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S43

### VIRGINIA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

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Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	4,418	4,398	-
20 or more employees.....	...do.....	1,384	1,290	+7
All employees:				
Number.....	Thousands.....	257.8	242.9	+6
Payroll.....	Million dollars	984.7	777.0	+27
Value added by manufacture:				
Unadjusted.....	...do.....	2,130.0	1,629.0	+31
Adjusted.....	...do.....	2,135.0	(NA)	(NA)
Capital expenditures, new.....	...do.....	141.1	109.9	+28

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget. USCOMM--DC--



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	Value added by manufac- ture, unad-justed (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)		
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	24,418	21,384	257,800	984,731	2,129,952	2,135,042	141,050	1,629,041
20	Food and kindred products.....	721	332	31,312	102,833	237,664	244,602	13,885	167,103
21	Tobacco manufactures.....	28	28	13,404	51,056	267,280	266,495	6,786	202,069
22	Textile mill products.....	113	93	34,843	113,077	217,319	215,578	6,940	163,399
23	Apparel and related products.....	159	115	21,604	51,996	78,315	78,104	1,774	59,293
24	Lumber and wood products.....	1,747	220	21,994	48,695	73,267	74,635	6,943	72,647
25	Furniture and fixtures.....	147	72	16,428	56,335	103,756	104,984	3,626	79,987
26	Pulp, paper and products.....	58	49	11,070	54,258	130,410	131,420	32,490	102,124
27	Printing and publishing.....	423	72	9,596	40,611	65,093	66,158	3,333	48,209
28	Chemicals and products.....	171	83	31,111	157,849	459,425	457,206	41,491	435,655
30	Rubber products.....	15	6	1,858	6,703	11,136	11,241	1,857	7,388
31	Leather and leather goods.....	24	19	5,029	12,876	18,936	18,784	225	16,682
32	Stone, clay, and glass products <sup>3</sup> .....	238	92	7,840	29,951	74,977	75,162	4,152	46,422
33	Primary metal industries.....	44	22	3,816	17,180	29,495	29,546	926	17,633
34	Fabricated metal products.....	151	59	9,031	44,278	78,879	74,060	3,819	44,856
35	Machinery, except electrical <sup>3</sup> .....	160	39	4,034	17,008	32,841	31,079	1,749	15,651
37	Transportation equipment.....	80	27	16,871	91,838	131,675	131,955	7,257	129,097
38	Instruments and related products.....	18	9	1,650	5,608	8,311	8,627	460	6,370
39	Miscellaneous manufactures (including Ordinance).....	86	29	4,248	15,334	30,282	32,441	1,779	10,971
—	Administrative and auxiliary <sup>4</sup> .....	...	...	5,670	36,600	...	...	...	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
VIRGINIA, TOTAL.....	4,418	1,384	257,800	984,731	2,129,952	2,135,042	141,050	242,864	1,629,041
STANDARD METROPOLITAN STATISTICAL AREAS									
Lynchburg <sup>2</sup> .....	178	77	15,718	56,618	88,489	88,680	5,937	(NA)	(NA)
Newport News-Hampton <sup>3</sup> .....	131	43	17,316	88,668	126,864	127,487	8,284	18,275	110,314
Norfolk-Portsmouth <sup>4</sup> .....	335	129	15,153	63,185	132,388	133,998	6,173	15,723	114,166
Richmond <sup>5</sup> .....	497	209	41,803	192,134	448,741	451,256	22,296	37,546	343,916
Roanoke <sup>6</sup> .....	163	75	14,306	57,151	109,871	101,613	3,420	12,759	62,923
Washington (D.C.), total <sup>7</sup> .....	998	285	35,431	181,956	302,892	314,939	20,038	*30,715	223,472
Portion in Virginia.....	165	58	5,086	24,875	36,095	37,102	1,514	2,574	17,787
Portion in District of Columbia.....	508	145	21,242	113,505	193,144	197,642	14,207	*20,706	157,213
Portion in Maryland.....	325	82	9,103	43,576	73,653	80,195	4,317	7,435	48,472
COUNTIES AND INDEPENDENT CITIES <sup>8</sup>									
Accomack County.....	52	17	1,266	2,381	3,639	3,614	192	1,190	3,686
Albermarle County and Charlottesville City.....	77	28	4,907	17,163	47,682	48,486	1,777	3,554	21,457
Amherst County.....	31	5	334	789	1,252	1,288	89	299	1,180
Appomattox County.....	20	6	664	1,555	2,526	2,472	56	674	1,554
Augusta County and Staunton and Waynesboro Cities.....	86	41	9,971	45,899	81,689	79,579	8,243	7,908	49,418
Bedford County.....	62	10	2,005	6,774	11,943	11,720	727	1,941	12,580
Bland County.....	25	5	333	597	846	855	80	235	600
Botetourt County.....	23	8	973	2,718	9,368	9,175	340	696	6,335
Brunswick County.....	41	9	726	1,479	2,266	2,287	245	597	2,216
Buckingham County.....	30	3	340	692	1,005	1,006	52	316	827
Campbell County and Lynchburg City.....	147	72	14,851	53,029	87,237	87,392	5,848	13,646	58,508
Caroline County.....	38	4	438	897	1,621	1,623	142	461	1,598
Carroll and Grayson Counties and Galax City.....	94	25	5,207	13,586	26,596	26,250	554	4,111	16,214
Charlotte County.....	33	5	1,046	2,582	4,608	4,226	430	1,020	3,844
Clarke County.....	11	4	672	1,862	3,341	3,353	213	453	1,120
Culpeper County.....	29	3	585	1,634	3,634	3,822	95	620	3,235
Dinwiddie County and Petersburg City.....	70	25	5,463	17,669	70,717	71,245	1,323	6,331	51,703
Essex County.....	31	4	371	701	1,355	1,315	214	275	841
Floyd County.....	44	3	594	1,200	1,593	1,564	80	269	554
Franklin County.....	70	13	1,479	4,144	6,616	7,103	217	1,364	5,792
Frederick County and Winchester City.....	58	23	3,224	10,560	22,620	20,892	836	3,469	19,276
Gloucester County.....	32	6	419	724	1,219	1,280	115	358	1,147
Greensville County.....	33	10	1,425	4,611	13,163	13,972	463	1,555	9,930
Halifax County.....	42	12	3,034	8,248	14,371	13,046	577	2,652	10,710
Hampton City.....	56	16	1,315	3,927	7,354	7,723	967	1,224	5,395
Henrico County.....	60	11	988	2,239	3,150	3,137	282	824	2,413
Henry County and Martinsville City.....	122	43	15,039	52,797	169,294	169,197	8,042	14,015	162,324
Isle of Wight County.....	23	8	2,508	11,044	21,318	21,992	(D)	2,569	21,376
King and Queen County.....	32	5	367	548	668	670	90	252	680
Lancaster County.....	34	13	827	1,466	2,198	1,947	127	644	2,118
Louisa County.....	66	9	954	1,932	3,250	3,270	329	786	1,934
Madison County.....	23	5	497	1,019	1,475	1,496	85	220	710
Mecklenburg County.....	55	15	3,114	7,524	13,872	16,849	467	2,795	10,916
Middlesex County.....	28	2	258	473	812	896	61	308	766
Montgomery County and Radford City.....	41	15	4,873	19,299	29,259	28,952	480	7,949	38,415
Nansemond County and Suffolk City.....	64	25	3,874	10,736	36,647	37,486	1,114	3,153	19,604
Norfolk County and Norfolk, Portsmouth, and South Norfolk Cities.....	317	124	14,631	60,530	130,629	132,425	6,095	15,188	112,895
Northampton County.....	23	9	1,073	2,519	4,339	6,046	115	1,165	3,963
Northumberland.....	45	10	776	1,606	3,871	3,510	252	461	1,701
Nottoway.....	27	7	726	1,754	3,115	3,131	93	573	2,024
Orange.....	27	8	1,821	6,438	10,950	11,200	225	2,139	10,591
Page.....	20	7	1,194	3,248	7,311	7,396	472	1,133	4,602
Patrick.....	71	6	1,277	3,218	7,578	7,358	523	982	3,315
Pittsylvania County and Danville City.....	111	42	14,369	47,633	77,188	77,172	3,872	13,777	55,700
Prince Edward.....	23	5	712	1,527	2,423	2,147	128	606	1,908
Prince George County and Hopewell City.....	36	11	3,910	20,274	70,294	70,713	15,534	4,577	53,805

See footnotes at end of table.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number <sup>1</sup>	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
VIRGINIA—Continued									
COUNTIES AND INDEPENDENT CITIES <sup>2</sup> —Continued									
Prince William County.....	23	5	314	1,151	2,672	2,675	162	225	1,344
Pulaski County.....	38	20	2,768	8,412	11,955	12,200	1,023	2,231	11,430
Richmond City.....	398	171	31,340	130,181	375,028	377,701	14,428	30,375	285,599
Richmond County.....	30	6	566	1,021	2,327	2,248	136	435	1,591
Roanoke County and Roanoke City.....	163	75	14,231	56,641	109,871	101,613	3,420	12,732	62,923
Rockingham County and Harrisonburg City.....	86	40	4,346	14,183	53,513	55,792	3,258	4,056	41,658
Russell County.....	14	2	272	617	967	986	39	39	154
Shenandoah County.....	42	16	1,673	3,909	6,506	6,631	594	1,148	3,661
Smyth County.....	37	11	4,076	15,410	36,475	38,229	1,482	3,551	30,187
Southampton County.....	22	9	705	2,258	5,549	5,755	367	538	1,454
Sussex County.....	22	5	367	792	1,059	1,094	74	467	1,375
Tazewell County.....	45	14	1,364	4,078	6,127	6,675	182	984	3,698
Warren County.....	19	7	2,656	11,048	27,943	27,684	768	2,686	29,835
Washington County and Bristol City.....	75	35	4,635	17,059	37,237	37,723	2,247	4,294	22,937
Westmoreland County.....	33	9	388	552	1,297	1,466	89	322	1,345
Wise County and Norton City.....	34	7	652	2,253	3,556	3,696	418	543	1,877
Wythe County.....	21	5	882	2,755	6,435	6,489	256	1,369	6,015

INDEPENDENT CITIES<sup>3</sup>:

Bristol (see Washington County)  
 Charlottesville (see Albemarle County)  
 Danville (see Pittsylvania County)  
 Galax (see Carroll County and Grayson County)  
 Harrisonburg (see Rockingham County)  
 Hopewell (see Prince George County)

Lynchburg (see Campbell County)  
 Martinsville (see Henry County)  
 Norfolk (see Norfolk County)  
 Norton (see Wise County)  
 Petersburg (see Dinwiddie County)  
 Portsmouth (see Norfolk County)

Radford (see Montgomery County)  
 Roanoke (see Roanoke County)  
 South Norfolk (see Norfolk County)  
 Staunton (see Augusta County)  
 Suffolk (see Nansemond County)  
 Waynesboro (see Augusta County)  
 Winchester (see Frederick County)

\*Revised. NA Not available.

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to table 2.<sup>2</sup>The Lynchburg Standard Metropolitan Statistical Area consists of Lynchburg City and Campbell and Amherst Counties, Virginia.<sup>3</sup>The Newport News-Hampton Standard Metropolitan Statistical Area consists of Newport News and Hampton Cities and York County, Virginia.<sup>4</sup>The Norfolk-Portsmouth Standard Metropolitan Statistical Area consists of Norfolk, South Norfolk, Portsmouth, and Virginia Beach Cities and Norfolk and Princess Anne Counties, Virginia.<sup>5</sup>The Richmond Standard Metropolitan Statistical Area consists of Richmond City and Chesterfield and Henrico Counties, Virginia.<sup>6</sup>The Roanoke Standard Metropolitan Statistical Area consists of Roanoke City and Roanoke County, Virginia.<sup>7</sup>The Washington Standard Metropolitan Statistical Area consists of the District of Columbia; Alexandria and Falls Church Cities and Arlington and Fairfax Counties, Virginia; Montgomery and Prince Georges Counties, Maryland.<sup>8</sup>The sum of the county and independent city figures will not equal the figures shown for the State because data for some of these areas were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.<sup>9</sup>Separate figures for some counties and independent cities are not available at this time. The final report for the State will provide separate figures for these areas.



## 1958 CENSUS OF MANUFACTURES

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954			
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)	
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)				
		RICHMOND STANDARD METROPOLITAN STATISTICAL AREA (Consists of Richmond City; Chesterfield and Henrico Counties)									
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,497	2,209	41,803	192,134	448,741	451,256	22,296	37,546	343,916	
20	Food and kindred products.....	70	38	5,228	20,954	38,624	39,611	2,098	}	(3)	
21	Tobacco manufactures.....	12	12	9,116	37,515	203,198	202,387	5,770			
23	Apparel and related products.....	19	14	2,708	9,055	13,075	12,997	238			
24	Lumber and wood products.....	49	17	1,510	4,163	6,074	6,227	356			
25	Furniture and fixtures.....	31	9	1,033	3,951	6,613	6,825	101			
26	Pulp, paper and products.....	26	25	3,400	15,098	26,192	25,583	1,570			
27	Printing and publishing.....	106	26	3,638	15,362	23,810	24,479	1,033			
28	Chemicals and products.....	43	16	5,518	33,959	78,024	79,138	7,985			
32	Stone, clay, and glass products <sup>4</sup> .....	29	13	934	3,867	8,879	8,884	392			
33	Primary metal industries.....	8	4	560	2,917	2,472	2,581	120			
34	Fabricated metal products.....	37	15	2,769	13,766	29,087	29,967	1,179			
35	Machinery, except electrical <sup>4</sup> .....	31	7	766	3,007	5,167	4,901	355			
39	Miscellaneous manufactures (including Ordnance).....	18	9	772	2,534	5,165	5,165	483	}	(3)	
--	Administrative and auxiliary <sup>5</sup> .....	...	...	3,541	24,532	...	...	...			
									1,296	...	

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

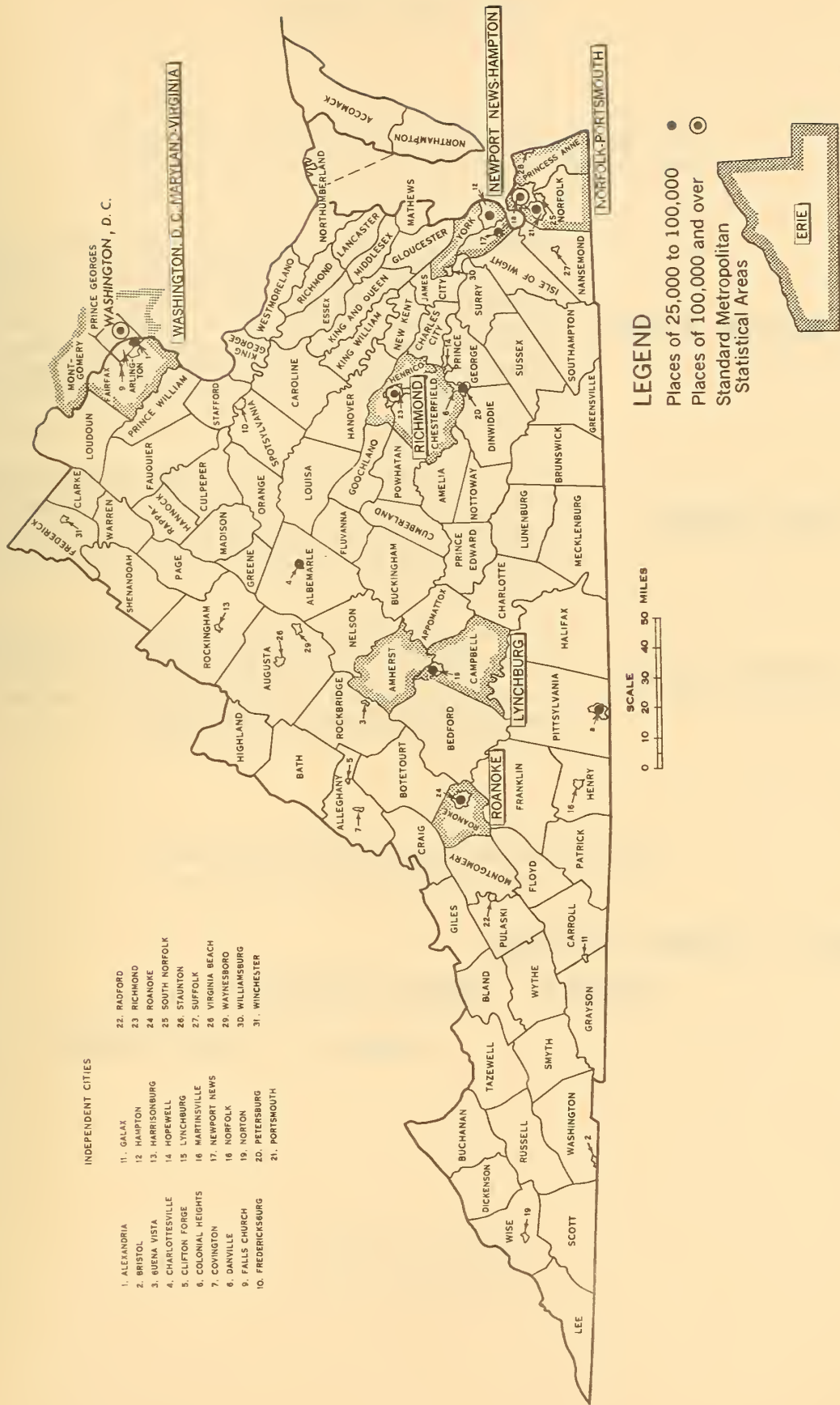
<sup>3</sup>Since data by industry group were not shown for this area in the 1954 Census of Manufactures (it had less than 40,000 manufacturing employees), comparable 1954 figures by major industry group were not available for inclusion in this preliminary release. Figures by industry group for 1954 will be included in the final report for the State.

<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine Shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.



# VIRGINIA



# 1958 CENSUS OF MANUFACTURES

## PUBLICATION PROGRAM

Following publication of preliminary reports, the results of the 1958 Census of Manufactures will be issued as follows:

### FINAL INDUSTRY REPORTS

Approximately 80 reports, each covering one or two 3-digit industry groups. For all manufacturing industries, based on the new SIC (July 1957 edition). Includes historical and geographic statistics as well as tables on size of establishment; industry-primary product relationships; detailed products in terms of quantity and value of shipments; individual materials used; product class shipments by State; and other industry data.

### FINAL AREA REPORTS

A report for each State, including Alaska and Hawaii, using the new SIC codes. Statistics for the State by 4-digit industry, for standard metropolitan statistical areas by 3-digit industry, for selected industrial counties by 2-digit and 3-digit industry groups.

### FINAL SUBJECT REPORTS

Approximately 12 reports containing selected information on inventories, capital expenditures, size of establishment and other subjects taken from the industry and area reports and arranged in a subject matter order.

The final reports will be assembled into the bound volumes of the 1958 Census of Manufactures.

### VOLUME I - SUMMARY STATISTICS

### VOLUME II - INDUSTRY STATISTICS

### VOLUME III - AREA STATISTICS

Bureau of the Census  
Washington 25, D. C.







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

March 1960

MC(P)-S46

### WASHINGTON

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	5,083	4,929	+3
20 or more employees.....	...do.....	1,171	1,152	+2
All employees:				
Number.....	Thousands.....	216.0	194.2	+11
Payroll.....	Million dollars	1,179.5	854.7	+38
Value added by manufacture:				
Unadjusted.....	...do.....	2,137.0	1,549.1	+38
Adjusted.....	...do.....	2,146.7	(NA)	(NA)
Capital expenditures, new.....	...do.....	114.2	147.1	-22

NA Not available



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.  
Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954	
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	25,083	21,171	216,020	1,179,459	2,137,030	2,146,681	114,249	1,549,060
20	Food and kindred products.....	730	289	26,449	126,062	294,399	302,875	15,300	219,645
22	Textile mill products.....	18	4	673	2,294	4,293	4,260	81	3,203
23	Apparel and related products.....	124	41	3,499	11,614	18,237	18,565	412	3,694
24	Lumber and wood products.....	1,912	315	41,654	192,132	297,445	294,190	21,025	47,529
25	Furniture and fixtures.....	133	31	2,968	12,904	22,030	21,730	599	2,987
26	Pulp, paper and products.....	66	55	15,963	85,288	258,261	256,886	14,799	15,839
27	Printing and publishing.....	491	66	8,066	41,645	72,386	72,815	3,324	7,457
28	Chemicals and products.....	155	46	11,641	77,012	142,839	145,742	6,966	11,069
29	Petroleum and products.....	22	8	1,298	9,002	28,738	34,206	5,220	2,308
32	Stone, clay, and glass products <sup>2</sup> .....	243	61	5,018	27,946	51,872	54,250	4,299	3,331
33	Primary metal industries.....	76	37	10,331	63,321	181,508	166,095	16,461	12,567
34	Fabricated metal products.....	291	75	6,843	37,907	64,099	66,557	3,222	5,494
35	Machinery, except electrical <sup>3</sup> .....	334	57	5,463	30,257	52,908	54,303	2,494	5,443
36	Electrical machinery.....	55	13	929	4,751	9,124	9,131	291	823
37	Transportation equipment.....	172	37	69,684	430,926	620,852	625,388	18,733	42,986
—	Administrative and auxiliary <sup>4</sup> .....	...	...	2,811	15,202	...	...	...	1,817

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3275, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new	Value added by manufacture, unadjusted
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)		
WASHINGTON, TOTAL.....	5,083	1,171	216,020	1,179,459	2,137,030	2,146,681	114,249	1,549,060
STANDARD METROPOLITAN STATISTICAL AREA								
Portland <sup>2</sup> .....	1,738	458	58,682	295,396	608,244	608,386	32,148	475,021
Portion in Washington.....	127	32	7,898	41,482	108,628	108,835	3,929	8,489
Portion in Oregon.....	1,611	426	50,784	253,914	499,616	499,551	28,219	48,964
Seattle <sup>3</sup> .....	1,911	483	115,498	663,133	1,049,737	1,063,556	56,872	88,189
Spokane <sup>4</sup> .....	349	92	12,900	70,755	167,677	165,273	6,373	13,729
Tacoma <sup>5</sup> .....	454	143	16,676	82,907	155,225	151,945	7,312	17,052
COUNTIES <sup>6</sup>								
Chelan.....	63	20	1,858	9,727	34,451	27,721	853	2,542
Clallam.....	109	13	2,611	13,004	31,740	31,794	2,289	3,204
Clark.....	127	32	7,746	40,357	108,628	108,835	3,929	8,431
Columbia.....	15	2	262	1,021	2,617	2,660	51	204
Cowlitz.....	146	33	8,619	43,743	103,705	103,406	9,464	8,934
Ferry.....	43	3	341	1,408	2,365	2,535	303	415
Grant.....	42	4	409	2,092	8,025	7,827	183	318
Grays Harbor.....	195	51	7,461	33,888	65,356	64,885	2,941	7,590
King.....	1,580	418	105,624	614,589	945,508	959,421	49,297	78,447
Kitsap.....	81	7	1,039	5,066	7,052	7,628	392	867
Kittitas.....	56	8	598	2,713	4,678	5,059	341	689
Klickitat.....	58	13	1,134	5,526	9,738	10,008	1,217	1,174
Lewis.....	210	36	3,172	13,545	22,370	20,761	1,986	2,903
Mason.....	82	10	1,912	8,765	16,448	16,069	902	2,230
Okanogan.....	68	7	1,547	6,944	9,128	8,993	363	1,400
Pacific.....	85	11	1,014	3,988	6,635	7,113	836	1,379

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954--Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
WASHINGTON--Continued COUNTIES <sup>6</sup> --Continued									
Pend Oreille.....	26	5	346	1,566	3,083	3,300	343	474	4,947
Pierce.....	454	143	15,725	76,964	155,225	151,945	7,312	17,052	145,873
Skagit.....	156	30	3,346	17,827	36,459	41,566	5,896	3,659	27,647
Skamania.....	27	7	700	3,293	6,246	6,298	536	768	6,471
Snohomish.....	331	65	9,402	45,035	104,229	104,135	7,575	9,279	78,884
Spokane.....	349	92	12,883	70,665	167,677	165,273	6,373	13,674	135,949
Stevens.....	83	7	657	2,833	6,206	6,270	590	696	5,677
Thurston.....	98	16	2,500	13,280	28,826	29,289	1,202	3,318	26,744
Whatcom.....	155	40	4,011	21,596	61,814	61,658	1,707	4,679	40,199
Yakima.....	188	58	5,174	24,931	53,664	53,734	3,522	4,844	39,781

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.

<sup>2</sup>The Portland Standard Metropolitan Statistical Area consists of Clackamas, Multnomah, and Washington Counties, Oregon; and Clark County, Washington.

<sup>3</sup>The Seattle Standard Metropolitan Statistical Area consists of King and Snohomish Counties, Washington.

<sup>4</sup>The Spokane Standard Metropolitan Statistical Area consists of Spokane County, Washington.

<sup>5</sup>The Tacoma Standard Metropolitan Statistical Area consists of Pierce County, Washington.

<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad- justed (\$1,000)	Adjusted (\$1,000)			
		PORTLAND STANDARD METROPOLITAN STATISTICAL AREA All manufacturing totals for the Portland Standard Metropolitan Statistical Area (which includes Clark County in Washington) appear in table 3. Industry group statistics for this area are shown in the 1958 Census of Manufactures report for the State of Oregon.								
		SEATTLE STANDARD METROPOLITAN STATISTICAL AREA (Consists of King and Snohomish Counties, Washington)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	21,911	2,483	115,498	663,133	1,049,737	1,063,556	56,872	88,189	599,812
20	Food and kindred products.....	250	103	10,236	51,981	101,585	106,104	5,603	9,044	68,656
23	Apparel and related products.....	88	32	2,269	8,043	12,899	13,152	369	2,372	11,406
24	Lumber and wood products.....	363	63	8,734	38,643	60,823	58,870	3,887	5,021	32,423
25	Furniture and fixtures.....	81	18	1,079	4,774	7,988	7,975	239	938	5,694
26	Pulp, paper and products.....	20	16	3,461	18,765	61,336	61,240	5,054	705	6,271
27	Printing and publishing.....	226	35	4,128	22,256	36,715	36,969	1,661	3,632	27,001
28	Chemicals and products.....	78	23	1,298	6,979	14,892	15,989	937	975	10,763
32	Stone, clay, and glass products <sup>3</sup> .....	90	28	2,492	14,336	25,737	27,243	2,117	1,272	10,043
33	Primary metal industries.....	33	14	2,197	12,549	16,828	17,710	(D)	2,304	17,103
34	Fabricated metal products.....	182	58	5,265	29,438	48,695	50,843	2,313	3,884	32,197
35	Machinery, except electrical <sup>3</sup> .....	186	37	3,335	19,052	31,016	32,031	1,330	3,135	23,793
36	Electrical machinery.....	38	10	784	4,062	8,073	8,011	230	777	5,424
37	Transportation equipment.....	95	20	67,790	420,682	607,961	611,328	17,954	40,471	242,981
39	Miscellaneous manufactures (Including Ordnance).....	110	14	1,098	4,544	6,745	7,963	523	2,961	21,023
--	Administrative and auxiliary.....	...	...	472	3,509	...	...	...	463	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.



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OFFICIAL BUSINESS

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF COMMERCE







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S47

### WEST VIRGINIA

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	1,909	2,027	-6
20 or more employees.....	...do.....	521	517	+1
All employees:				
Number.....	Thousands.....	118.6	122.4	-3
Payroll.....	Million dollars	593.4	494.9	+20
Value added by manufacture:				
Unadjusted.....	...do.....	1,204.5	988.3	+22
Adjusted.....	...do.....	1,213.2	(NA)	(NA)
Capital expenditures, new.....	...do.....	164.2	98.9	+66

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports--\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2,909	2,521	118,634	593,408	1,204,487	1,213,154	164,179	122,390	988,274
20	Food and kindred products.....	291	105	8,633	33,309	65,317	69,229	4,989	8,302	51,492
21	Tobacco manufactures.....	4	3	848	2,850	7,396	7,390	253	1,200	6,912
22	Textile mill products.....	8	6	1,953	5,394	10,271	9,410	120	2,355	8,233
23	Apparel and related products.....	35	23	4,006	9,588	12,805	12,872	116	4,321	11,316
24	Lumber and wood products.....	718	69	6,855	15,595	20,872	21,773	2,324	7,820	23,160
25	Furniture and fixtures.....	45	15	1,267	3,820	5,842	5,866	417	1,056	4,357
27	Printing and publishing.....	189	26	3,657	15,241	25,324	25,597	2,001	3,299	19,330
28	Chemicals and products.....	64	34	23,613	148,757	397,049	400,590	76,828	21,570	316,922
29	Petroleum and coal products.....	29	9	710	3,472	6,838	6,803	653	677	6,384
31	Leather and leather goods.....	5	5	819	2,593	4,945	5,073	75	933	4,164
32	Stone, clay, and glass products <sup>3</sup> .....	188	87	21,592	95,059	157,569	157,007	6,926	23,824	141,346
33	Primary metal industries.....	38	27	21,592	139,495	312,601	317,780	60,755	21,886	242,262
34	Fabricated metal products.....	80	41	7,329	33,602	58,846	58,538	4,331	8,543	54,569
35	Machinery, except electrical <sup>3</sup> .....	112	32	4,491	22,333	36,810	33,676	968	3,740	24,367
36	Electrical machinery.....	21	9	3,279	15,652	49,474	49,465	1,780	4,318	41,921
37	Transportation equipment.....	15	5	1,598	8,382	12,711	12,020	866	1,365	13,647
39	Miscellaneous manufactures (including Ordnance).....	36	4	1,064	4,307	6,594	6,662	191	1,222	5,810
--	Administrative and auxiliary <sup>4</sup> .....	...	...	3,384	27,028	...	...	...	3,822	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273 - Ready-mixed concrete and establishments classified in Industry 3599 - Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

## 1958 CENSUS OF MANUFACTURES

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>2</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
WEST VIRGINIA, TOTAL.....	1,909	521	118,634	593,408	1,204,487	1,213,154	164,179	122,390	988,274
STANDARD METROPOLITAN STATISTICAL AREAS									
Charleston <sup>2</sup> .....	190	61	22,987	141,384	307,814	315,244	50,209	23,224	260,482
Huntington-Ashland <sup>3</sup> .....	273	106	22,829	118,170	243,060	244,252	25,632	24,722	209,703
Portion in West Virginia.....	184	67	12,301	57,699	116,128	113,395	7,547	14,660	109,666
Portion in Kentucky.....	42	15	6,211	38,799	77,259	80,434	13,296	5,501	48,327
Portion in Ohio.....	47	24	4,317	21,672	49,673	50,423	4,789	4,561	51,710
Steubenville-Weirton <sup>4</sup> .....	158	75	29,909	173,596	341,123	353,473	29,626	32,581	286,585
Portion in West Virginia.....	72	39	18,804	109,511	223,035	228,957	11,196	20,903	189,698
Portion in Ohio.....	86	36	11,105	64,085	118,088	124,516	18,430	11,678	96,985
Wheeling <sup>5</sup> .....	200	80	17,205	85,571	157,246	149,253	9,422	18,787	117,448
Portion in West Virginia.....	128	56	13,159	66,300	127,888	120,848	8,453	14,531	93,932
Portion in Ohio.....	72	24	4,046	19,271	29,358	28,405	969	4,256	23,516
COUNTIES <sup>6</sup>									
Berkeley.....	36	19	3,612	12,960	29,340	28,069	2,334	3,454	19,381
Cabell.....	142	58	11,627	55,195	112,624	109,104	7,304	13,793	105,863
Greenbrier.....	51	8	1,030	3,060	4,022	4,327	383	987	4,178
Harrison.....	77	29	6,115	29,313	49,353	51,819	2,449	6,597	45,423
Kanawha.....	190	61	21,049	126,409	307,814	315,244	50,209	21,222	260,482
Lewis.....	23	8	1,102	3,268	4,393	4,562	141	1,036	3,359
Logan.....	33	6	481	1,573	2,482	2,623	166	349	1,374
McDowell.....	26	7	378	1,146	2,394	2,563	93	478	2,565
Marion.....	63	16	4,403	21,011	45,921	46,471	1,275	4,304	35,620
Marshall.....	31	17	5,693	28,314	69,302	66,007	6,527	5,828	43,841
Mason.....	15	8	1,019	4,832	6,617	5,604	1,041	1,087	5,611
Mercer.....	51	14	1,682	6,084	10,259	10,434	598	1,550	6,642
Mingo.....	19	7	344	1,348	2,079	2,522	246	416	1,655
Monongalia.....	57	16	2,942	11,136	16,203	15,573	584	3,468	24,223
Morgan.....	20	2	292	650	868	852	42	337	1,001
Nicholas.....	40	4	628	1,933	2,318	2,400	212	746	2,546
Ohio.....	97	39	6,612	31,249	58,586	54,841	1,926	7,750	50,091
Pocahontas.....	21	5	679	1,802	3,357	3,625	79	750	3,125
Preston.....	42	7	664	2,248	3,405	3,385	103	564	2,943
Raleigh.....	54	11	1,235	4,261	7,311	7,447	734	792	4,672
Randolph.....	71	16	1,470	3,533	5,032	5,204	384	1,039	3,083
Ritchie.....	23	4	410	1,004	1,257	1,236	72	444	1,093
Roane.....	12	4	548	1,599	2,219	2,440	52	365	1,608
Tucker.....	15	2	360	992	1,574	1,528	40	389	1,130
Upshur.....	19	3	351	789	978	936	72	316	932
Wayne.....	42	9	661	2,439	3,504	4,291	243	831	3,803
Wetzel.....	27	4	407	1,736	2,955	2,907	153	674	3,574
Wood.....	89	38	8,967	44,759	91,047	90,966	24,673	7,919	62,924

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

<sup>2</sup>The Charleston Standard Metropolitan Statistical Area consists of Kanawha County, West Virginia.

<sup>3</sup>The Huntington-Ashland Standard Metropolitan Statistical Area consists of Cabell and Wayne Counties, West Virginia; Boyd County, Kentucky; and Lawrence County, Ohio.

<sup>4</sup>The Steubenville-Weirton Standard Metropolitan Statistical Area consists of Jefferson County, Ohio; and Brooke and Hancock Counties, West Virginia.

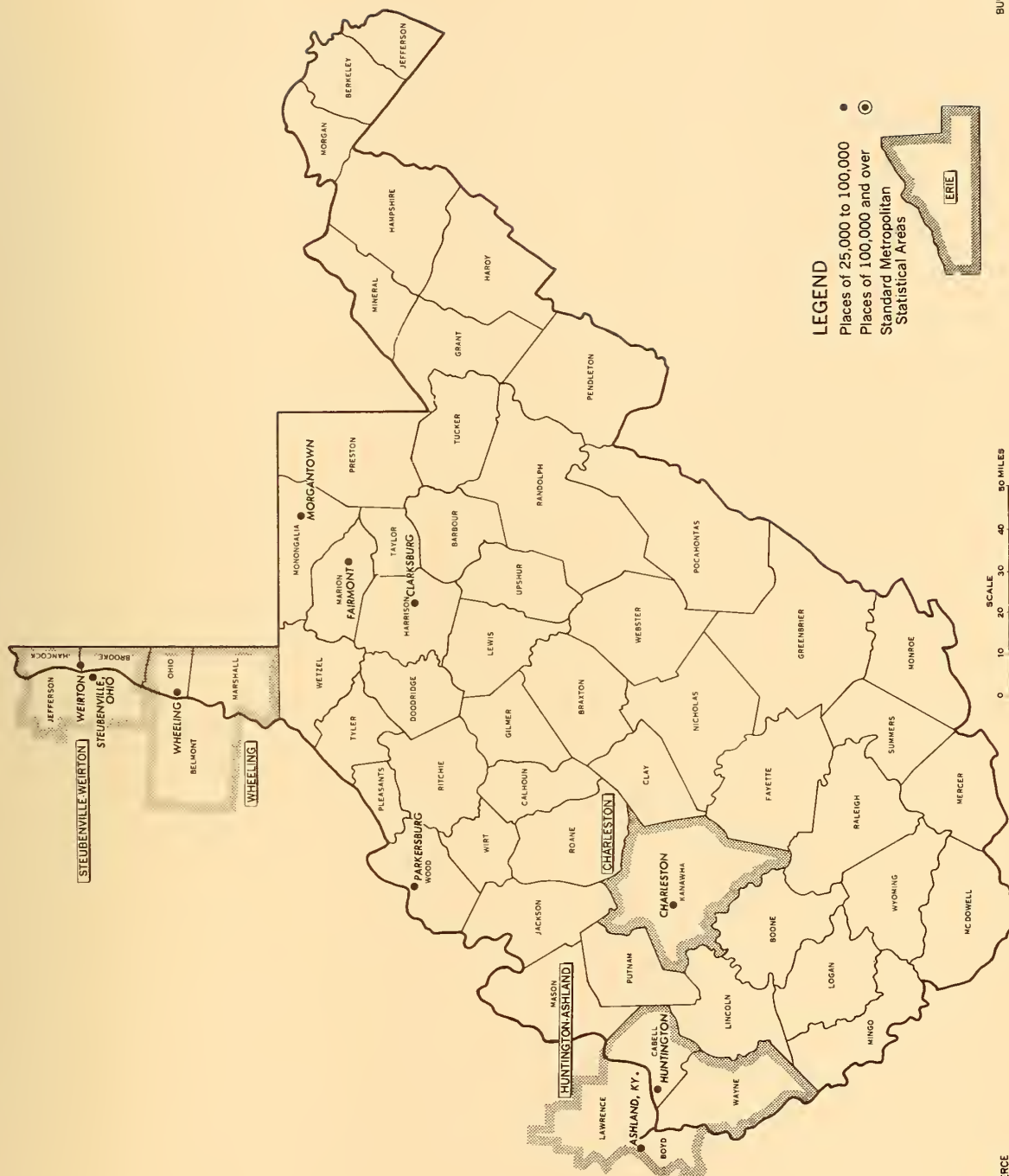
<sup>5</sup>The Wheeling Standard Metropolitan Statistical Area consists of Ohio and Marshall Counties, West Virginia; and Belmont County, Ohio.

<sup>6</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY INDUSTRY GROUPS: 1958 AND 1954

(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954)

WEST VIRGINIA









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BUREAU OF THE CENSUS  
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OFFICIAL BUSINESS







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

February 1960

MC(P)-S48

### WISCONSIN

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	7,782	7,702	+1
20 or more employees.....	...do.....	2,332	2,294	+2
All employees:				
Number.....	Thousands.....	439.1	439.2	0
Payroll.....	Million dollars	2,207.3	1,869.1	+18
Value added by manufacture:				
Unadjusted.....	...do.....	3,977.1	3,334.0	+19
Adjusted.....	...do.....	3,963.6	(NA)	(NA)
Capital expenditures, new.....	...do.....	191.8	169.4	+13

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.

#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

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## WISCONSIN

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Table 2.—GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958							1954	
		Establishments, number		All employees		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number	Value added by manufacture, unadjusted (\$1,000)
		Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	27,782	22,332	439,142	2,207,335	3,977,055	3,963,580	191,788	439,215	3,333,976
20	Food and kindred products.....	2,036	528	63,749	287,251	613,708	622,459	35,478	63,217	514,597
22	Textile mill products.....	475	51	7,181	27,679	54,322	51,422	875	7,670	39,759
23	Apparel and related products.....	182	70	7,088	21,707	40,940	41,517	545	8,458	37,753
24	Lumber and wood products.....	881	142	16,660	58,553	86,577	86,708	4,588	17,970	85,614
25	Furniture and fixtures.....	184	64	9,933	43,039	68,885	68,472	1,885	10,571	63,741
26	Pulp, paper and products.....	186	137	36,044	189,188	388,684	396,435	27,741	33,124	317,849
27	Printing and publishing.....	832	151	20,679	106,066	167,544	165,573	11,791	19,895	141,903
28	Chemicals and products.....	249	62	6,534	35,707	96,877	111,525	3,922	8,835	93,608
29	Petroleum and coal products.....	23	13	574	3,056	9,900	10,138	2,456	660	7,477
30	Rubber products.....	28	12	4,335	25,548	44,788	48,567	(D)	4,690	41,335
31	Leather and leather goods.....	140	86	16,965	65,718	111,564	112,562	1,524	17,583	93,614
32	Stone, clay, and glass products <sup>2</sup> .....	422	78	6,337	32,565	65,980	66,820	5,883	4,704	36,186
33	Primary metal industries.....	209	120	25,116	135,604	216,940	213,619	8,125	25,932	191,715
34	Fabricated metal products.....	567	207	32,347	167,606	303,272	305,395	13,779	32,845	256,684
35	Machinery, except electrical <sup>3</sup> .....	1,093	334	87,804	480,424	863,256	823,179	36,637	86,242	710,994
36	Electrical machinery.....	151	89	34,795	184,415	319,814	306,044	10,742	35,970	280,651
37	Transportation equipment.....	133	60	32,322	173,212	349,726	352,313	10,656	29,535	255,940
38	Instruments and related products.....	62	21	9,642	57,485	87,229	92,710	7,027	7,655	56,245
—	Administrative and auxiliary <sup>4</sup> .....	...	...	9,829	65,410	...	...	...	9,296	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, repair shops, etc.) A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

D Withheld to avoid disclosing figures for individual companies.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expenditures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufacture, unadjusted (\$1,000)
	Total	With 20 or more employees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
WISCONSIN, TOTAL.....	7,782	2,332	439,142	2,207,335	3,977,055	3,963,580	191,788	439,215	3,333,976
STANDARD METROPOLITAN STATISTICAL AREAS									
Duluth-Superior <sup>2</sup> .....	385	90	11,496	57,092	102,967	103,515	6,069	12,740	78,814
Portion in Wisconsin.....	57	20	1,502	7,401	12,984	13,401	1,690	1,535	12,355
Portion in Minnesota.....	328	70	9,994	49,691	89,983	90,114	4,379	11,205	66,459
Green Bay <sup>3</sup> .....	234	72	12,217	59,990	127,744	122,709	7,806	11,226	92,972
Kenosha <sup>4</sup> .....	111	40	15,512	84,774	165,493	163,533	2,304	15,207	110,401
Madison <sup>5</sup> .....	271	65	12,334	63,314	101,957	100,516	5,666	13,911	95,893
Milwaukee <sup>6</sup> .....	2,286	801	185,209	1,021,197	1,739,045	1,725,177	78,068	188,487	1,495,955
Racine <sup>7</sup> .....	316	104	21,258	133,327	197,001	209,012	5,533	22,695	204,641
COUNTIES <sup>8</sup>									
Ashland.....	58	8	911	3,083	6,203	6,053	465	1,106	6,175
Barron.....	80	20	1,583	5,829	12,172	12,093	709	1,481	7,852
Bayfield.....	37	3	483	2,151	3,769	3,654	297	591	4,031
Brown.....	234	72	12,166	59,626	127,744	122,709	7,806	11,071	92,972
Buffalo.....	25	4	271	766	2,813	2,395	93	279	1,396
Burnett.....	26	2	275	873	1,490	1,389	112	162	588
Calumet.....	66	17	2,725	11,006	21,190	21,128	1,036	1,813	10,233
Chippewa.....	79	23	3,450	15,353	22,950	30,296	1,640	3,076	24,270
Clark.....	92	12	1,062	3,347	7,222	6,949	495	1,013	4,992
Columbia.....	70	21	2,387	8,720	16,371	16,345	929	2,312	12,359
Crawford.....	56	6	589	2,491	4,762	5,030	462	607	3,156
Dane.....	271	65	11,704	57,970	101,957	100,516	5,666	13,355	95,893
Dodge.....	144	48	6,262	24,124	41,900	40,827	2,311	5,271	38,301
Door.....	34	11	1,142	3,986	8,699	8,689	273	1,821	9,695

See footnotes at end of table.

## 1958 CENSUS OF MANUFACTURES

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND SELECTED COUNTIES: 1958 AND 1954—Continued

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted (\$1,000)
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
WISCONSIN—Continued									
COUNTIES <sup>2</sup> —Continued									
Douglas.....	57	20	1,359	6,585	12,984	13,401	1,690	1,535	12,355
Dunn.....	41	10	668	2,220	4,232	3,846	463	1,017	5,943
Eau Claire.....	74	27	5,599	32,052	53,948	58,124	5,383	6,337	53,857
Fond Du Lac.....	146	50	8,193	36,352	61,504	63,268	4,274	7,784	60,457
Forest.....	32	3	549	1,805	2,947	2,882	111	545	2,805
Grant.....	85	5	641	1,799	4,609	4,540	316	804	3,763
Green.....	78	16	1,215	4,339	10,994	11,567	485	656	5,195
Green Lake.....	42	13	1,353	4,528	8,693	8,812	237	1,272	6,073
Iowa.....	52	3	343	1,081	3,066	3,239	108	369	2,343
Jackson.....	28	3	235	749	1,241	1,195	121	318	1,430
Jefferson.....	114	44	6,761	29,789	59,800	61,142	2,816	6,506	42,832
Juneau.....	23	5	656	2,223	5,350	5,431	207	496	3,367
Kenosha.....	111	40	15,419	84,128	165,493	163,533	2,304	15,113	110,401
Kewaunee.....	46	12	1,644	5,999	9,125	8,854	545	2,116	9,724
La Crosse.....	124	31	8,424	41,348	76,683	73,904	4,756	9,078	66,888
Langlade.....	46	11	984	3,156	5,445	5,494	362	931	4,172
Lincoln.....	61	25	2,864	10,413	23,666	23,364	645	2,490	17,033
Manitowoc.....	181	60	10,692	46,753	97,338	95,550	4,124	11,225	85,594
Marathon.....	184	58	8,550	37,061	64,636	64,903	5,564	8,902	62,097
Marinette.....	98	23	4,333	20,484	43,613	43,895	3,065	3,993	35,386
Marquette.....	14	5	300	871	1,270	1,268	96	288	1,292
Milwaukee.....	1,982	718	171,514	945,770	1,656,438	1,641,054	71,768	175,802	1,439,620
Monroe.....	36	10	712	2,395	4,456	4,540	704	515	3,451
Oconto.....	76	17	1,689	5,887	13,602	14,903	646	1,410	8,609
Oneida.....	48	15	2,038	9,810	19,475	19,296	2,739	2,120	16,663
Outagamie.....	164	67	11,776	58,199	110,977	112,137	4,732	10,382	76,260
Ozaukee.....	90	39	4,356	20,718	42,409	44,636	1,578	4,114	25,716
Pierce.....	27	3	271	907	1,991	1,886	288	260	1,484
Polk.....	48	12	745	2,193	5,695	5,586	402	616	4,912
Portage.....	63	15	2,169	9,151	16,525	17,148	1,656	2,076	12,763
Price.....	51	8	842	3,494	5,440	5,338	1,174	929	6,373
Racine.....	316	104	20,339	107,693	197,001	209,012	5,533	22,024	204,641
Richland.....	54	3	329	1,180	2,985	2,892	405	341	2,101
Rock.....	128	48	16,848	84,374	205,524	184,209	5,539	17,279	169,189
Rusk.....	28	9	734	2,803	5,098	5,169	310	540	3,189
St. Croix.....	34	9	1,115	4,201	6,804	6,950	665	912	6,452
Sauk.....	80	20	1,981	7,469	13,899	14,432	629	4,256	20,435
Shawano.....	98	19	1,699	6,038	9,370	10,283	955	2,071	10,441
Sheboygan.....	238	94	13,141	60,094	106,333	108,916	7,242	12,071	80,807
Taylor.....	34	6	846	2,994	4,521	4,806	261	764	3,747
Trempealeau.....	43	10	862	2,821	4,992	5,143	612	704	3,050
Vilas.....	33	5	425	1,295	2,177	2,191	272	365	1,945
Walworth.....	99	31	3,758	16,813	32,310	32,451	1,833	3,222	23,583
Washburn.....	22	2	257	803	1,064	1,163	171	165	556
Washington.....	98	35	5,648	26,844	57,043	56,738	2,154	5,218	38,749
Waukesha.....	304	83	9,556	47,886	82,607	84,123	6,300	8,014	54,333
Waupaca.....	116	21	2,954	11,617	26,447	22,962	1,165	2,289	12,361
Waushara.....	22	5	453	1,317	2,662	2,713	112	332	2,038
Winnebago.....	243	105	16,201	78,830	159,522	160,254	6,696	16,378	129,759
Wood.....	104	31	9,010	41,259	76,941	79,360	4,517	7,827	59,486

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State and the standard metropolitan statistical areas but are excluded from the county totals. For a definition of these units see footnote 4 to Table 2.

<sup>2</sup>The Duluth-Superior, Minnesota-Wisconsin Standard Metropolitan Statistical Area consists of St. Louis County, Minnesota and Douglas County, Wisconsin.

<sup>3</sup>The Green Bay, Wisconsin Standard Metropolitan Statistical Area consists of Brown County, Wisconsin.

<sup>4</sup>The Kenosha, Wisconsin Standard Metropolitan Statistical Area consists of Kenosha County, Wisconsin.

<sup>5</sup>The Madison, Wisconsin Standard Metropolitan Statistical Area consists of Dane County, Wisconsin.

<sup>6</sup>The Milwaukee, Wisconsin Standard Metropolitan Statistical Area consists of Milwaukee and Waukesha Counties, Wisconsin.

<sup>7</sup>The Racine, Wisconsin Standard Metropolitan Statistical Area consists of Racine County, Wisconsin.

<sup>8</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.



## WISCONSIN

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Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
		MILWAUKEE STANDARD METROPOLITAN STATISTICAL AREA (Consists of Milwaukee and Waukesha Counties, Wisconsin)								
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	22,286	2801	185,209	1,021,197	1,739,045	1,725,177	78,068	188,487	1,493,953
20	Food and kindred products.....	238	110	23,049	124,470	268,578	272,299	8,881	(3)	(3)
22	Textile mill products.....	22	13	1,293	4,937	9,058	9,673	108		
23	Apparel and related products.....	98	37	3,432	10,914	21,602	22,080	261		
24	Lumber and wood products.....	69	17	1,169	5,895	7,684	7,900	413		
25	Furniture and fixtures.....	69	16	1,328	6,673	9,980	10,109	593		
26	Pulp, paper and products.....	52	29	4,405	21,784	37,843	38,122	1,354		
27	Printing and publishing.....	279	68	10,612	56,665	86,231	86,723	6,263		
28	Chemicals and products.....	124	37	3,116	16,358	35,003	36,852	1,758		
31	Leather and leather goods.....	62	31	6,356	28,113	50,987	51,835	826		
32	Stone, clay, and glass products <sup>4</sup> .....	129	31	1,866	10,712	22,372	22,215	1,437		
33	Primary metal industries.....	102	61	16,290	91,748	144,519	139,435	6,073		
34	Fabricated metal products.....	260	96	14,577	81,951	144,111	143,878	7,769		
35	Machinery, except electrical <sup>4</sup> .....	518	148	47,853	274,713	471,843	456,725	20,601	(3)	(3)
36	Electrical machinery.....	62	40	23,179	131,943	238,826	229,727	8,086		
37	Transportation equipment.....	26	11	10,944	61,013	88,354	89,130	4,894		
38	Instruments and related products....	28	9	8,105	50,531	72,402	77,880	6,767		
39	Miscellaneous manufactures (including Ordnance).....	123	40	3,138	13,533	23,323	24,433	1,189		
--	Administrative and auxiliary <sup>5</sup> .....	...	...	4,139	27,541	...	...	...		

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies or (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>Comparable 1954 figures by major industry group were not available at the time of this preliminary release. The definition of the standard metropolitan statistical area has been revised since 1954 to include Waukesha County in addition to Milwaukee County.

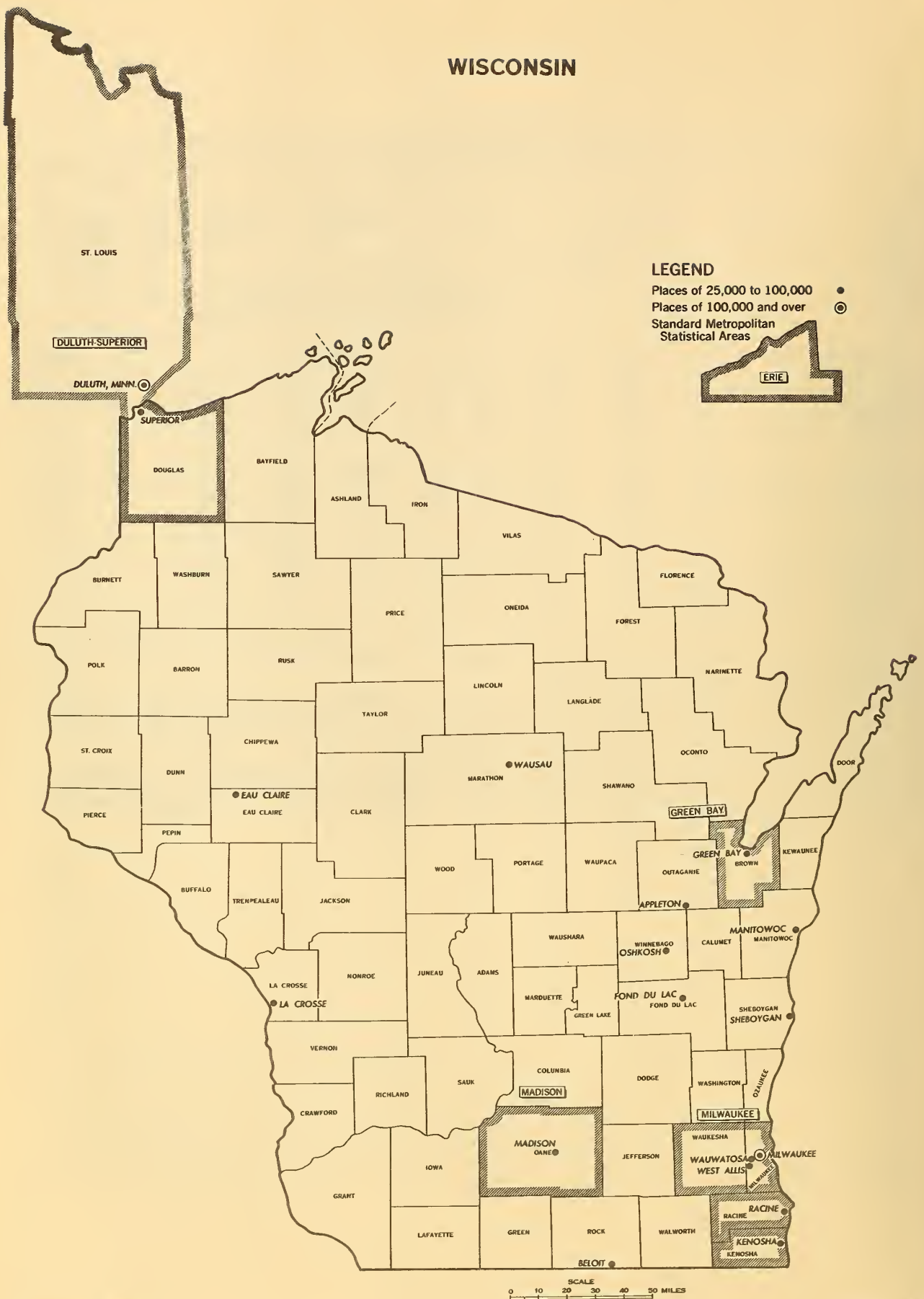
<sup>4</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mix concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>5</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns reported separately for central administrative offices or auxiliary units which serve the manufacturing establishments of a company (e.g. research laboratories, storage warehouses, power plants, garages, and repair shops). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

# WISCONSIN

## LEGEND

Places of 25,000 to 100,000 •  
Places of 100,000 and over ⊙  
Standard Metropolitan Statistical Areas













# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

April 1960

MC(P)-S49

### WYOMING

(Advance information for the State, its Standard Metropolitan Statistical Areas and Counties. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for the State specified above, its standard metropolitan statistical areas (if any), and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for the State and for its standard metropolitan statistical areas with 40,000 or more manufacturing employees (if any). Comparable

statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States, Alaska, and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR THE STATE: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	330	328	+1
20 or more employees.....	...do.....	57	49	+16
All employees:				
Number.....	Thousands.....	6.5	6.3	+3
Payroll.....	Million dollars	31.7	26.9	+18
Value added by manufacture:				
Unadjusted.....	...do.....	65.8	51.4	+28
Adjusted.....	...do.....	63.2	(NA)	(NA)
Capital expenditures, new.....	...do.....	6.9	6.9	



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, will appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. These industry reports are scheduled for release in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the late spring and summer of 1960. Preliminary reports for States, including standard metropolitan statistical areas and counties, are being issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the summer of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

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#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.

USCOMM--DC--



Table 2.--GENERAL STATISTICS FOR THE STATE, BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major Industry group	1958						1954	
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture, unadjusted
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)	All employees, number
	All industries, total <sup>1,2</sup>	330	57	6,496	31,674	65,822	63,220	6,903	51,361
20	Food and kindred products.....	89	18	1,444	5,558	12,094	12,611	612	1,392
24	Lumber and wood products.....	84	11	870	3,301	4,430	4,480	534	908
27	Printing and publishing.....	52	9	614	2,692	4,556	4,625	221	613
29	Petroleum and coal products.....	16	9	2,422	15,177	36,588	32,522	4,691	2,622
32	Stone, clay, and glass products.....	37	3	546	2,455	5,384	5,318	493	361
--	Administrative and auxiliary.....	...	...	88	433	...	...	...	33

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>The 1958 Census of Manufactures figures include establishments classified in Industry 3273, Ready-mixed concrete and establishments classified in Industry 3599, Machine shops that were engaged exclusively or almost exclusively in repair work. For 1954, such establishments were not classified in manufacturing but were included in the 1954 Census of Business. The 1954 and 1958 figures, therefore, are not strictly comparable. This has a relatively small effect on the statistics, except for those on number of establishments.

<sup>3</sup>Does not include the number of administrative and auxiliary units.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)	(\$1,000)	All employees, number <sup>1</sup>
WYOMING, TOTAL.....	330	57	6,496	31,674	65,822	63,220	6,903	51,361
STANDARD METROPOLITAN STATISTICAL AREAS (None in this State)								
COUNTIES <sup>2</sup>								
Albany.....	20	6	591	2,505	4,659	4,612	291	553
Big Horn.....	18	5	284	1,289	2,349	2,054	248	249
Laramie.....	39	9	1,040	5,152	11,915	11,582	(D)	840
Natrona.....	41	9	1,829	10,638	18,822	17,073	1,367	1,728

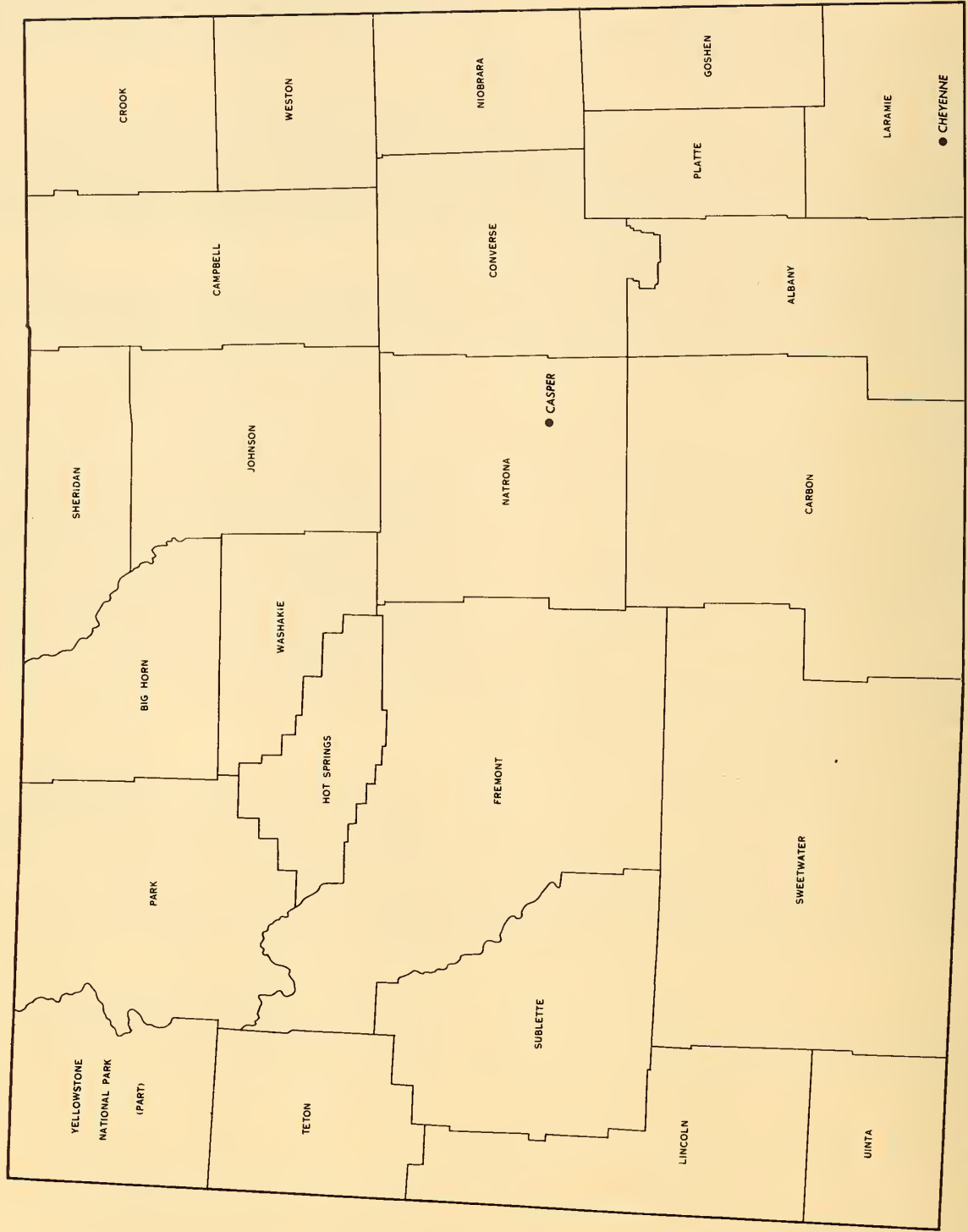
D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for the State but are excluded from the county totals. For a definition of these units see Footnote 4 to Table 2.

<sup>2</sup>The sum of the county figures will not equal the figures shown for the State because data for some counties were withheld from publication in order to (a) avoid disclosing figures for individual companies within the county or associated areas or, (b) permit further checking of the figures for the smaller counties. Additional publishable detail will appear in the final report for this State.

Table 4.--GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY INDUSTRY GROUPS: 1958 AND 1954  
(This State contained no standard metropolitan statistical area with 40,000 or more manufacturing employees in 1958 or 1954.)

# WYOMING



## LEGEND

Places of 25,000 to 100,000







# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

June 1960

MC(P)-S50

### ALASKA

(Advance information for Alaska and its Judicial Divisions. This report will be superseded by a 1958 Census of Manufactures final report which, in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for Alaska and its Judicial Divisions. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing. Comparable statistics on employment and value added are shown for 1954, when the last Census of Manufactures was taken. No adjustments have

been made in the payroll, value added by manufacture, and capital expenditure figures for changes in price levels or wage rates between 1958 and 1954.

The 1958 Census of Manufactures is the twenty-seventh such census of the United States since 1809. For 1958, it was conducted jointly with the Censuses of Business (Wholesale, Retail, and Services) and Mineral Industries, covering continental United States and Hawaii. Separate Censuses of Manufactures and Business for 1958 were also conducted in Puerto Rico.

Table 1.--GENERAL STATISTICS FOR ALASKA: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	245	219	+12
20 or more employees.....	...do.....	71	68	+4
All employees:				
Number.....	Thousands.....	4.9	4.1	+20
Payroll.....	Million dollars	26.2	20.6	+27
Value added by manufacture:				
Unadjusted.....	...do.....	64.9	40.2	+61
Adjusted.....	...do.....	64.8	(NA)	(NA)
Capital expenditures, new.....	...do.....	2.2	17.2	-87

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

For sale by Bureau of the Census, Washington 25, D. C., and U.S. Department of Commerce Field Offices. 10 cents.

Complete set of preliminary area reports—\$4.00.

Present legislation (Title 13 of the United States Code) provides for a Census of Manufactures every five years, with the next one scheduled to cover 1963. In addition to the 1954 and 1958 Censuses of Manufactures, the law authorized annual sample surveys to be conducted in interim years. For the years 1955 through 1957, figures comparable with those shown in this publication are available for the States and the larger standard metropolitan statistical areas.

This report and all other preliminary reports in the 1958 Census of Manufactures series are based upon the unrevised (1945) Standard Industrial Classification Manual definitions of industries. The final area reports will include statistics classified according to the new 1957 edition of the Standard Industrial Classification Manual (SIC).

#### PUBLICATION PROGRAM

Preliminary reports for States, including standard metropolitan statistical areas and counties, have been issued (Series MC(P)-S1 through MC(P)-S49). Final area reports are scheduled for publication in the fall of 1960. The general statistics for each industry, distributed by region and State, as well as figures on individual products of the industry, appear in the Preliminary Industry Reports, Series MC(P)-20A through MC(P)-39E. Most of these industry reports were released in the first quarter of 1960. More detailed figures for each industry will appear in the final Industry Reports which will be published during the summer and fall of 1960. Order forms which list these reports and their prices may be obtained from the U. S. Department of Commerce Field Offices or by writing to: Bureau of the Census, Washington 25, D. C.

#### EXPLANATION OF TERMS

Establishments (plants).--The Census of Manufactures is conducted by obtaining a separate report for each establishment. Businesses with no employees are excluded from the scope of the Census. Of almost 300,000 manufacturing establishments covered in the 1958 Census, most are operated by single establishment companies. A single report was obtained from such companies. Firms operating more than one establishment were required to submit a report for each separate location. Also, companies engaged in distinctly different lines of activity at one location submitted separate reports if the company reports permitted such a separation and if the separate activities were substantial in size.

All employees, number.--This item includes all production and related workers, force-account construction workers, and all non-production personnel of manufacturing establishments. The 1958 figures are an average of reported employment totals for the payroll period ended nearest the 15th of March, May, August, and November.

Payroll.--This total includes all forms of compensation (salaries, wages, commissions, bonuses, vacation pay, and other remuneration) paid during the year to all employees of the establishment. Payroll is reported before deductions for Social Security, income tax, group insurance, union dues, etc.

Value added by manufacture.--The unadjusted value added is derived by subtracting the cost of raw materials, semimanufactured parts and components, supplies, fuels, purchased electric energy, and contract work from the value of shipments of manufacturing establishments in each industry. Adjusted value added which is also shown in this report consists of the unadjusted value added by manufacture plus the net change in finished goods and work-in-process inventory between the beginning and end of the year plus the value added in merchandising activities of manufacturing establishments. (That is, the difference between the value and cost of merchandise sold without further manufacturing.) Value added avoids the duplication in the value of shipments which results from the use of products of some establishments as materials by others. For most purposes, it is the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

Capital expenditures, new.--This figure includes, for all manufacturing plants in operation in 1958: expenditures for new structures and additions (including major alterations, capitalized repairs and improvements) to the manufacturing plant, whether on contract or by the plant's own work force; new machinery and new equipment; and capitalized repairs and improvements to existing machinery and equipment. Excluded from the new expenditures total are those expenditures for "used" plant and equipment acquired from others, and expenditures for land. In addition to the capital expenditures at operating manufacturing establishments shown in this report, figures were also collected on expenditures for constructing and equipping new manufacturing plants not yet in operation in 1958. Such expenditures will be included in later publications from the 1958 Census of Manufactures.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR ALASKA BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Major industry group	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new (\$1,000)	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	245	71	4,868	26,159	64,903	64,838	2,160	4,120	40,235
20	Food and kindred products.....	115	50	3,094	15,165	37,170	37,017	1,271	2,596	29,940
24	Lumber and wood products.....	54	9	602	2,776	4,231	4,197	425	612	4,099
27	Printing and publishing.....	26	5	318	2,044	3,547	3,559	163	295	2,650
--	Administrative and auxiliary <sup>3</sup> .....	...	...	8	60	...	...	...	28	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the area.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if serviced two or more manufacturing establishments and was not operated as an integral part of the establishments at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the area.

Table 3.—GENERAL STATISTICS FOR ALASKA BY JUDICIAL DIVISIONS: 1958 AND 1954

(See text for explanation of column captions)

Judicial divisions	1958							1954	
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
ALASKA, TOTAL.....	245	71	4,868	26,159	64,903	64,838	2,160	4,120	40,235
Judicial Division (see accompanying map)									
First.....	101	31	2,317	11,912	33,885	33,399	862	2,013	17,688
Second.....	5	...	40	173	256	257	(D)	42	143
Third.....	113	36	2,220	12,352	27,775	28,030	1,114	1,819	20,180
Fourth.....	26	4	283	1,662	2,987	3,152	(D)	218	2,224

D Withheld to avoid disclosing figures for individual companies.

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for Alaska but are excluded from the Judicial Divisions. For a definition of these units see footnote 3 to table 2.

# ALASKA









# 1958 Census of Manufactures

## Area Reports

(Subject to Revision)

July 1960

MC(P)-S51

### HAWAII

(Advance information for Hawaii, its Standard Metropolitan Statistical Areas and Counties.  
This report will be superseded by a 1958 Census of Manufactures final report which,  
in turn, will be included in Volume III, Area Statistics.)

This report presents preliminary results from the 1958 Census of Manufactures conducted by the Bureau of the Census, Department of Commerce, and provides summary statistics on all manufacturing for Hawaii, its standard metropolitan statistical areas, and its counties. Included are 1958 figures on number of manufacturing establishments; number of employees; total payroll; value added by manufacture; and new capital expenditures. These figures are also presented for the more important major industry groups within manufacturing for Hawaii. Comparable statistics on employment and value added are shown for 1954, when the last Census of

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Table 1.--GENERAL STATISTICS FOR HAWAII: 1958 AND 1954

(See text for explanation of items)

Item	Unit of measure	1958	1954	Percent change 1954 to 1958
Number of establishments:				
Total.....	Number.....	598	520	+15
20 or more employees.....	...do.....	176	137	+28
All employees:				
Number.....	Thousands.....	24.3	25.0	-3
Payroll.....	Million dollars	85.8	80.6	+6
Value added by manufacture:				
Unadjusted.....	...do.....	159.9	140.3	+14
Adjusted.....	...do.....	165.8	(NA)	(NA)
Capital expenditures, new.....	...do.....	16.3	11.7	+39

NA Not available.



U.S. DEPARTMENT OF COMMERCE, Frederick H. Mueller, Secretary

BUREAU OF THE CENSUS, Robert W. Burgess, Director

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#### STANDARD METROPOLITAN STATISTICAL AREAS

"Standard metropolitan statistical areas" are integrated economic and social units with a large volume of daily travel and communication between the central city (50,000 or more population) and outlying parts of the area. Each area (except in New England) consists of one or more whole counties. An area may contain not only highly industrialized counties but also adjoining counties which, though primarily residential in character, contribute significantly to the industrial counties' labor force. These areas are defined by the Federal Committee on Standard Metropolitan Statistical Areas of the U. S. Bureau of the Budget.



## 1958 CENSUS OF MANUFACTURES

3

Table 2.—GENERAL STATISTICS FOR HAWAII BY MAJOR INDUSTRY GROUPS: 1958 AND 1954

(See text for explanation of column captions)

Code	Industry	1958						1954		
		Establishments, number		All employees		Value added by manufacture		Capital expendi- tures, new	All employees, number	Value added by manufac- ture, unadjusted (\$1,000)
		Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unadjusted (\$1,000)	Adjusted (\$1,000)			
	ALL INDUSTRIES, TOTAL <sup>1</sup> .....	2 598	2 176	24,303	85,848	159,930	165,765	16,335	25,026	140,275
20	Food and kindred products <sup>3</sup> .....	247	80	16,640	57,039	115,521	117,979	12,847	19,272	105,655
23	Apparel and related products.....	64	27	1,711	4,362	7,025	7,046	222	998	3,518
24	Lumber and wood products.....	30	8	432	1,613	2,423	2,281	183	233	1,226
25	Furniture and fixtures.....	39	13	647	2,305	3,476	4,144	184	390	1,648
27	Printing and publishing.....	62	17	1,651	7,316	12,537	12,563	473	1,493	9,734
28	Chemicals and products.....	24	6	314	1,388	2,399	2,679	345	345	1,900
--	Administrative and auxiliary <sup>4</sup> .....	...	...	901	3,544	...	...	...	645	...

<sup>1</sup>The "All industries, total" includes figures for industry groups which have been withheld from publication in order to (a) avoid disclosing figures for individual companies in this or associated industries or areas or, (b) permit further checking of figures for smaller industry groups. Additional publishable detail will appear in the final report for the State.

<sup>2</sup>Does not include the number of administrative and auxiliary units.

<sup>3</sup>The figures for plants classified in the Sugar Industry were significantly affected by a work stoppage during the period February-May 1958.

<sup>4</sup>In addition to the employment and payroll reported for operating manufacturing establishments, manufacturing concerns ordinarily reported separately for central administrative offices or auxiliary units which service the manufacturing establishments of a company (e.g., research laboratories, storage warehouses, power plants, garages, repair shops, etc.). A separate report was usually obtained for each central office or auxiliary unit if it was located at a different general location from the manufacturing establishment(s) served or if it serviced two or more manufacturing establishments and was not operated as an integral part of the establishment at the same location. Employment and payroll of central administrative offices and auxiliaries are included in the totals for the State.

Table 3.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS AND COUNTIES: 1958 AND 1954

(See text for explanation of column captions)

Standard metropolitan statistical areas and counties	1958						1954		
	Establishments, number		All employees <sup>1</sup>		Value added by manufacture		Capital expendi- tures, new	All employees, number <sup>1</sup>	Value added by manufac- ture, unadjusted
	Total	With 20 or more employ- ees	Number	Payroll (\$1,000)	Unad-justed (\$1,000)	Adjusted (\$1,000)			
HAWAII, TOTAL.....	598	176	24,303	85,848	159,930	165,765	16,335	25,026	140,275
STANDARD METROPOLITAN STATISTICAL AREAS									
Honolulu <sup>2</sup> .....	460	133	15,892	56,990	100,653	104,838	9,003	14,345	75,439
COUNTIES									
Hawaii.....	78	20	2,554	10,207	23,847	23,942	3,361	3,643	30,684
Honolulu.....	460	133	14,991	53,446	100,653	104,838	9,003	13,700	75,439
Kauai.....	22	12	2,460	8,053	15,160	16,340	1,683	3,248	14,882
Mauai.....	38	11	3,397	10,598	20,270	20,645	2,288	3,790	19,270

<sup>1</sup>The employment and payroll figures for central administrative offices and auxiliary units are included in the figures shown for Hawaii and the Standard Metropolitan Statistical Areas but are excluded from the county totals. For a definition of these units see footnote 4 to table 2.

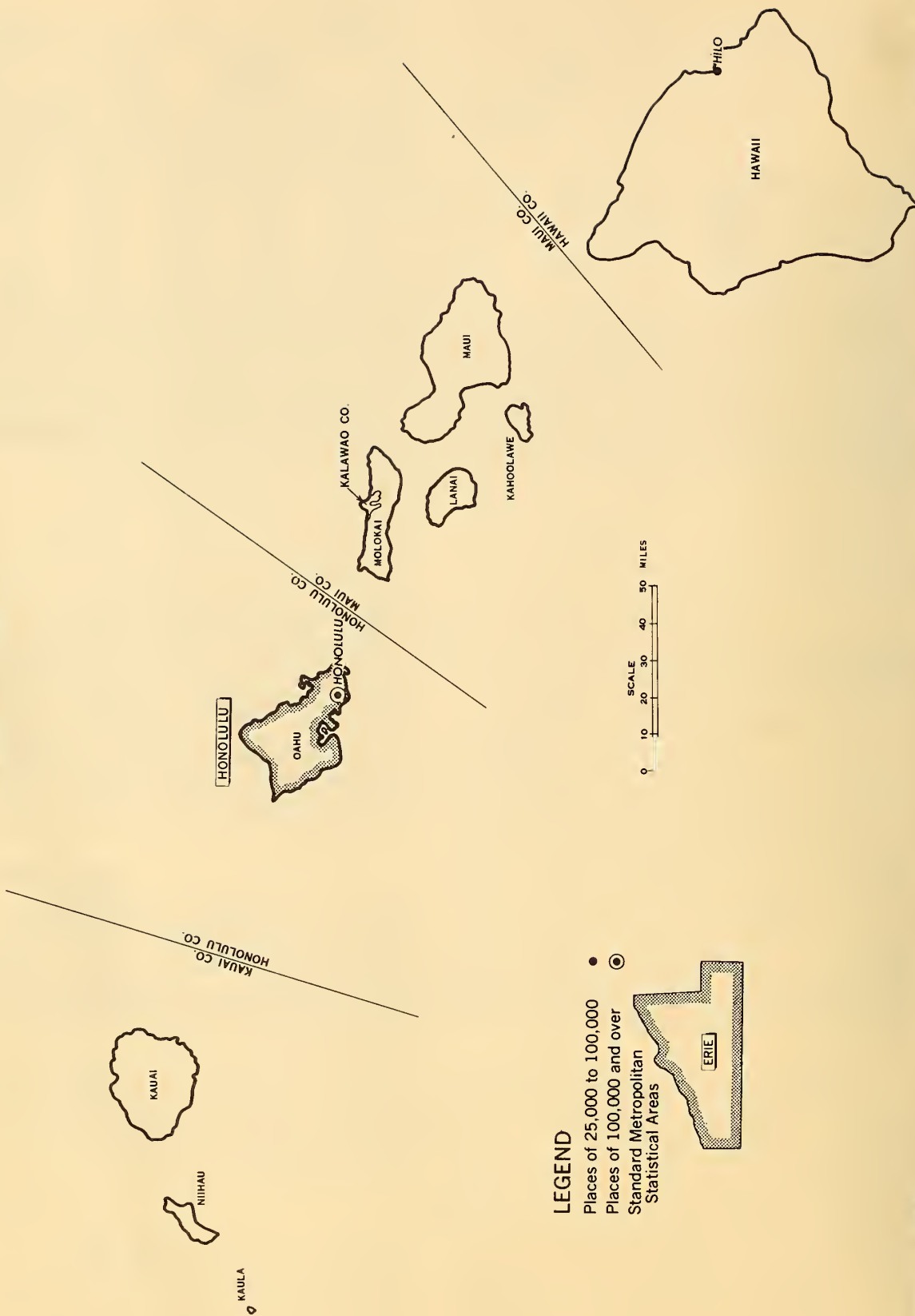
<sup>2</sup>The Honolulu Standard Metropolitan Statistical Area consists of Honolulu County, Hawaii.

Table 4.—GENERAL STATISTICS FOR STANDARD METROPOLITAN STATISTICAL AREAS WITH 40,000 OR MORE MANUFACTURING EMPLOYEES, BY MAJOR INDUSTRY GROUP: 1958 AND 1954

(The State of Hawaii contains no standard metropolitan statistical areas with 40,000 or more manufacturing employees)

# HAWAII

## PRINCIPAL ISLANDS









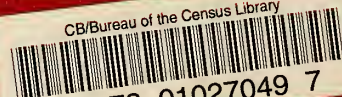




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